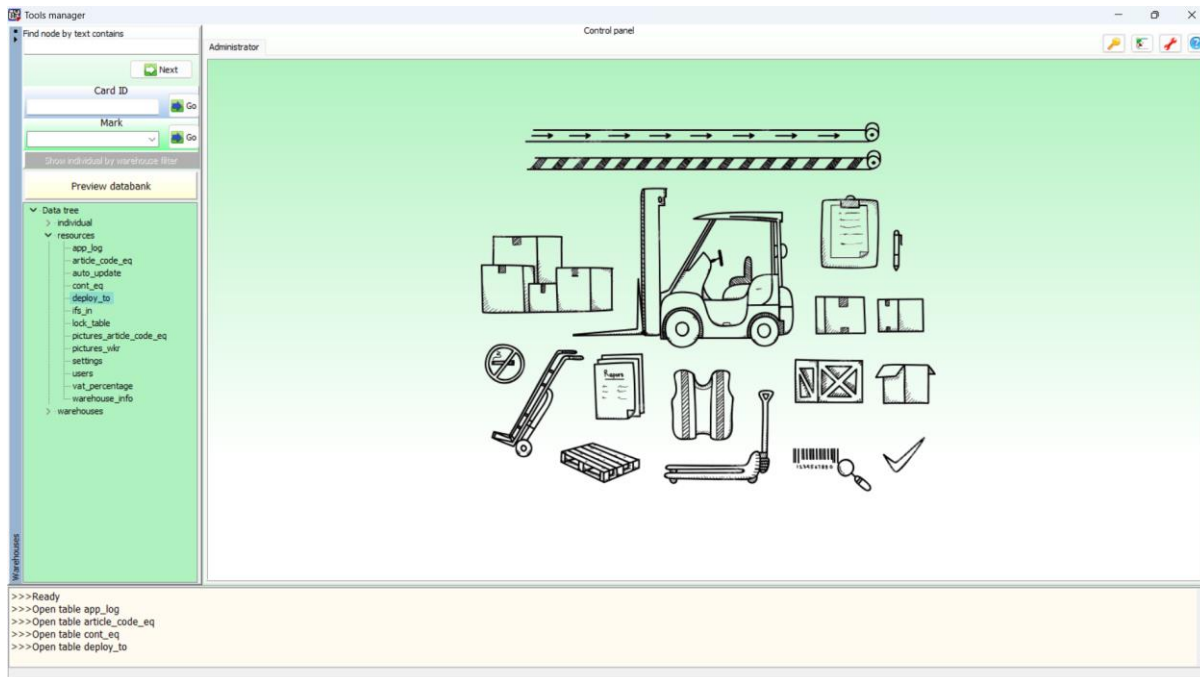


ToolsManagement

Tools Management este o aplicatie care gestioneaza depozitele de scule , intrari/iesiri de scule din depozitul principal si distributia/returul de la muncitori.



Aplicatia ToolsManagement defineste automat o baza de date SQL cu o serie de tabele . Relatiile si tranzactiile dintre datele stocate in tabele sunt controlate de aplicatie in mod automat.

Numele bazei de date : toolsmanagerdb

SQL user name aplicatie : toolsmanager

SQL parola user aplicatie : toolsmanager2021

Ex. conexiune MicrosoftSQL Server , vezi fisier application.ini

[Connection]

SQLDriverName=MsSQL

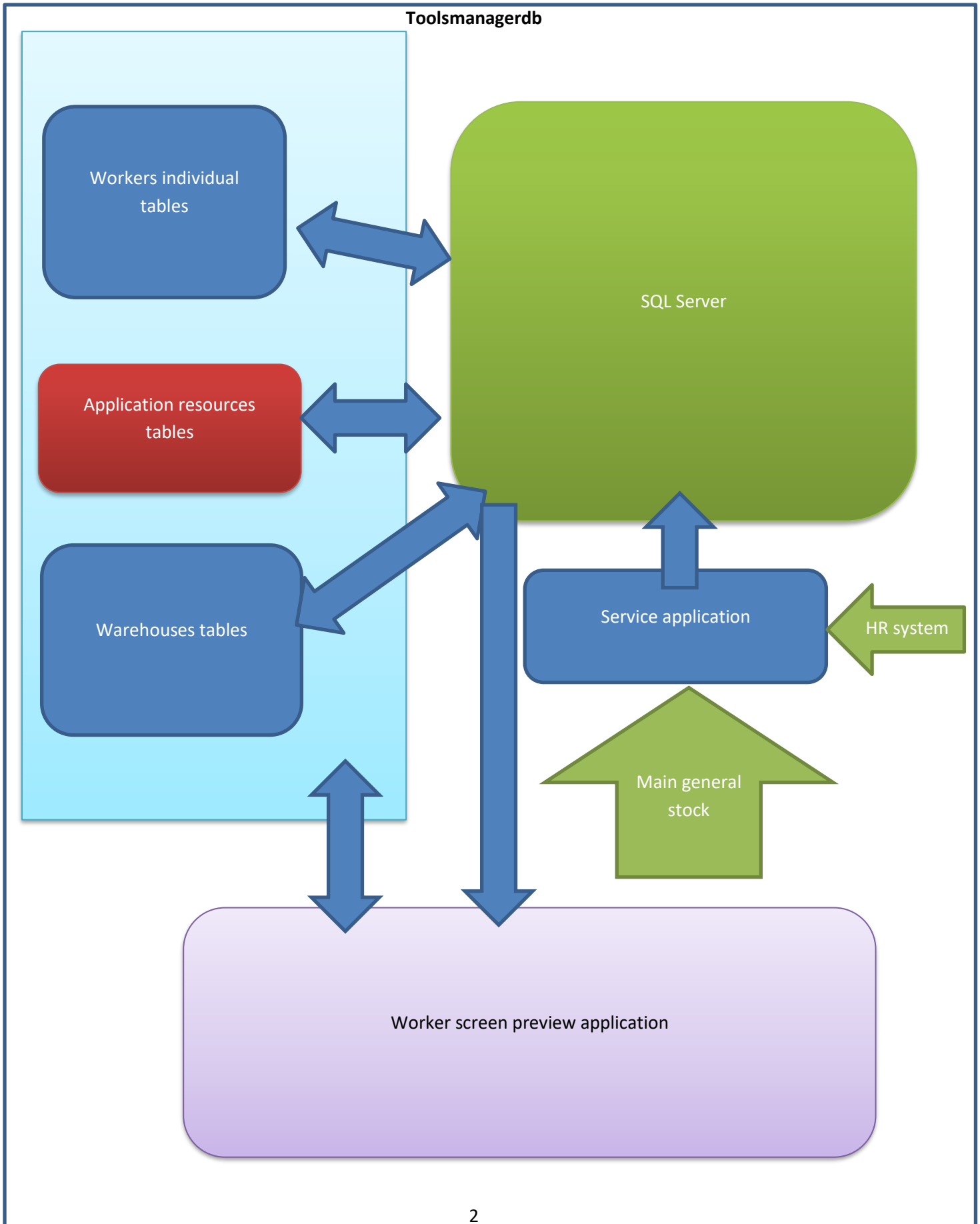
ServerName=86.120.145.43\SQLEXPRESS

ServerPort=1433

sqlUserName=toolsmanager

sqlUserPassword=toolsmanager2021

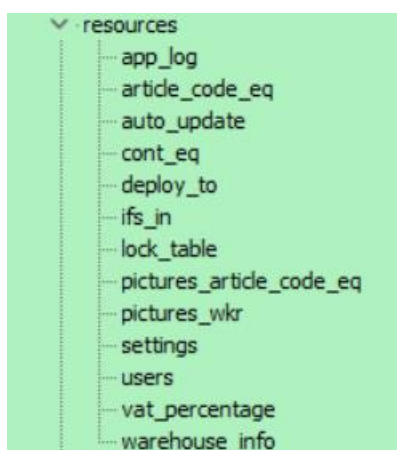
Software architecture



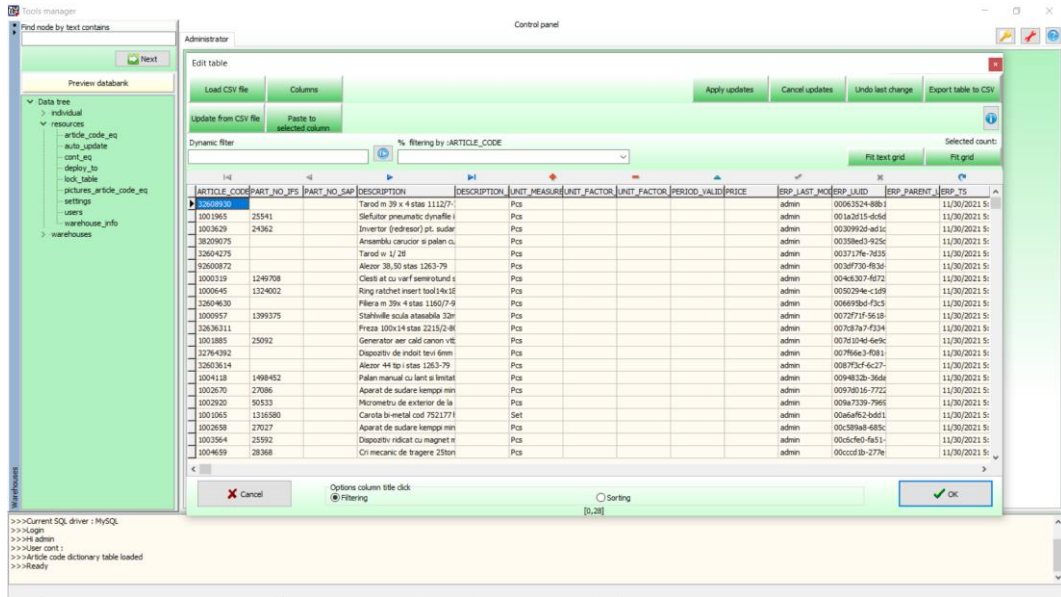
Toate aceste tabele au dupa caz coloane care incep cu prefixul ERP_... .Aceste coloane sunt utilizate aplicatie pentru a crea legaturi intre tabele si sunt administrate automat de aplicatie.Userul nu trebuie sa modifice valorile din aceste coloane.

Resursele aplicatie

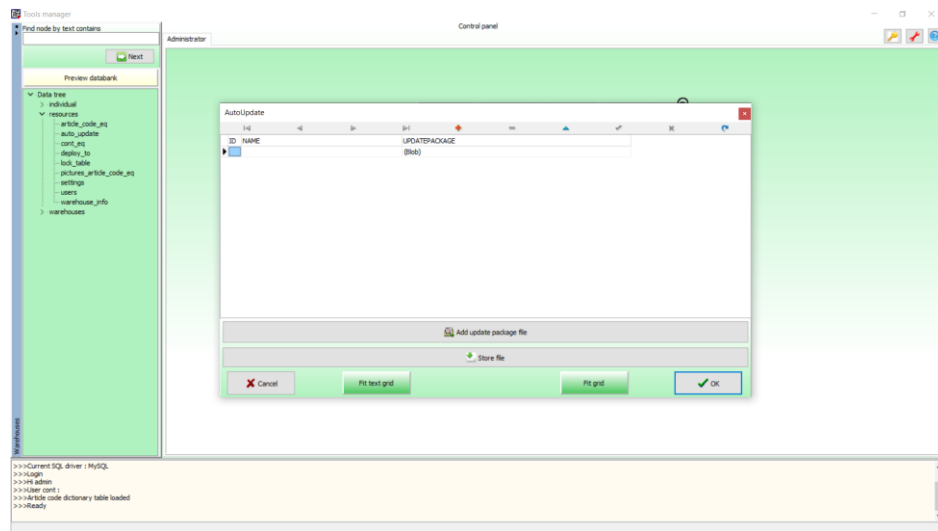
Sunt tabele cu date commune utilizate de aplicatie



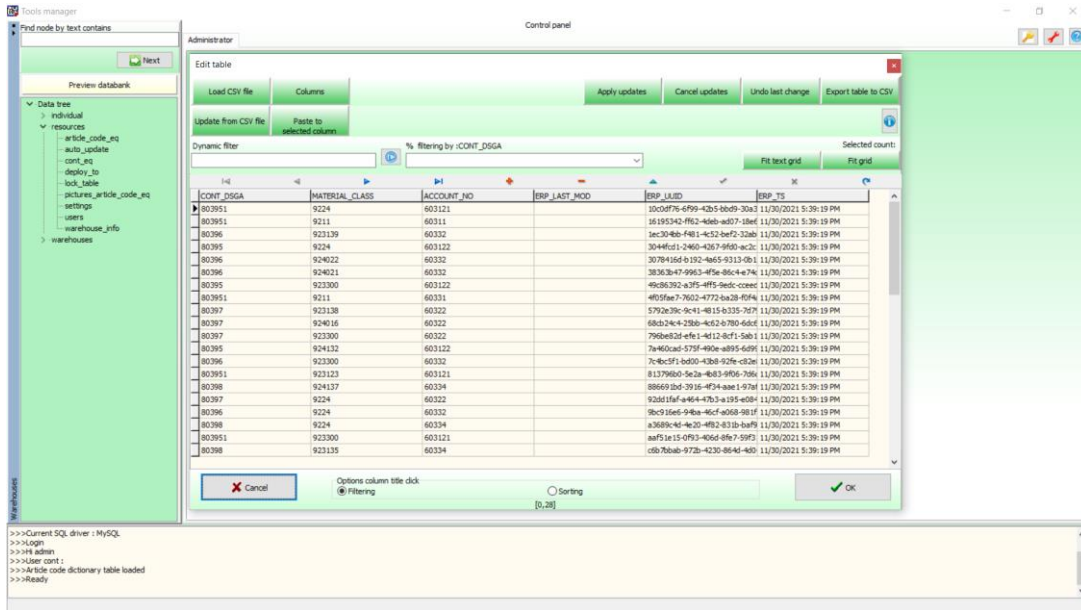
Article_code_eq : table cu lista de articole din depozite. Tabelul se actualizeaza automat in urma actiunii userilor din depozite.



Auto_update : tabel care gestioneaza actualizarea automata a aplicatiei



Cont_Eq : tabel cu echivalenta intre conturi IFS si conturi DSGA



Deploy_To: tabel cu lista de distributie(muncitori)

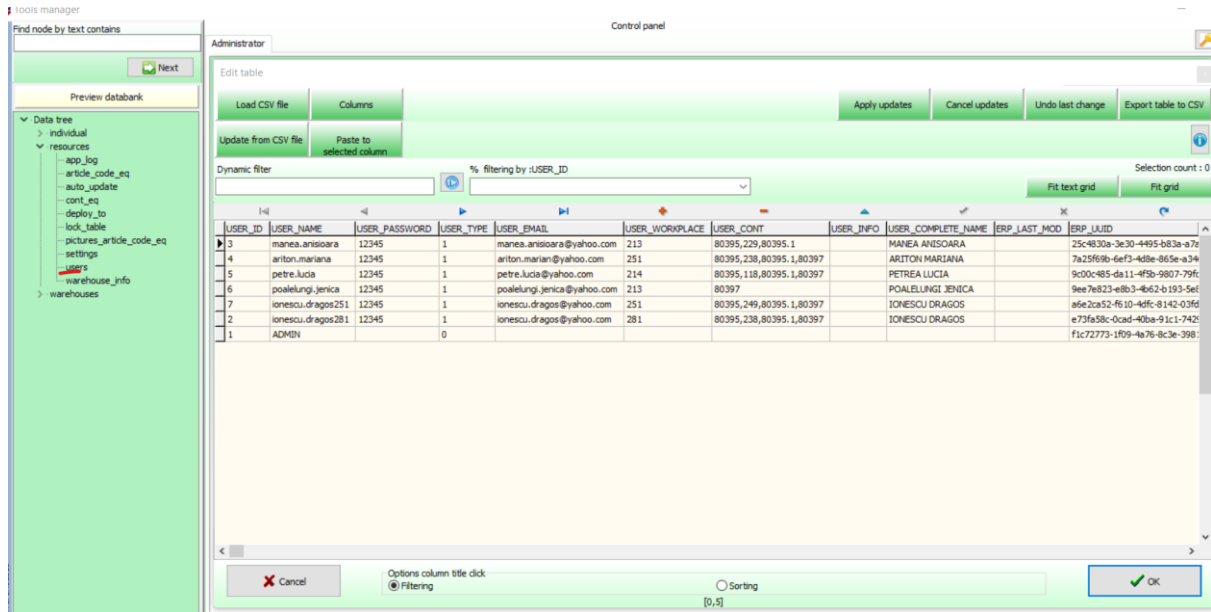
ID_CODE	FIRST_NAME	LAST_NAME	NAME	MARK	REGISTRAT	CARD_ID	WORKPLAC	WORKPLAC	SUPERVISOR	PROFESION	STATUS	VALID_FRO	VALID_TO	REMARKS	ERP_LAST	ERP_UIID	ERP_TS
188070517	VASILICA	PISLARU	VASILICA PISLARU	14150	24581	000694824E	2200	SECTIA IB	LUPU N ION		INACTIVE	5/1/2014	3/10/2021		admin	0001a390-2	9/2/2022 11
785092517	NGOC THI	CHAU	NGOC THI CHAU	20610009	148	000705244E	206	DAMEN WOI	ISTRATI D C		ACTIVE	10/1/2021	12/31/2022		admin	00182156-3	9/2/2022 11
182072917	COSMIN LAI	BEJAN	COSMIN LAURENTIU BEJAN	22114	25172	000989479E	2224	ATELIER AS	BECHIR G A		INACTIVE	10/12/2020	2/2/2021		admin	001dd29-3	9/2/2022 11
198072517	SORIN IULIU	ALEXANDRU	SORIN IULIAN ALEXANDRU	23069	25631		2226	ATELIER SU	BADARAU I		INACTIVE	7/1/2018	12/5/2020		admin	002871b5-d	9/2/2022 11
181080117	IONEL	TELICEANU	IONEL TELICEANU	64017	25820	000952955E	2243	ATELIER MC	BRINZA G D		INACTIVE	1/1/2019	10/1/2019		admin	0030abf0-f	9/2/2022 11
176020217	COSTINEL	AEVOAE	COSTINEL AEVOAE	5968	21281	005989864E	2106	BIROU SUP	STEFAN V C		ACTIVE	3/1/2022	2/2/2041		admin	00344ae6-a	9/2/2022 11
190102317	STEFAN	TENIE	STEFAN TENIE	22199	24033	000652458E	2224	ATELIER AS	RICIU P NEC		INACTIVE	9/1/2016	11/25/2016		admin	003ae4c9-d	9/2/2022 11
179082917	IONUT	ANITEI	IONUT ANITEI	90529	25943	000489777E	5105	PERSONAL S	RADU A EDU		INACTIVE	6/19/2019	7/22/2019		admin	00500ac4-4	9/2/2022 11
181060736	IONEL	PUJA	IONEL PUJA	34127	22747	000682420E	2280	SECTION BU	COJOCEA G		ACTIVE	7/1/2021	6/7/2046		admin	006f6136-0	9/2/2022 11
18606304E	MARIUS MA	SCRIPNICIU	MARIUS MADALIN SCRIPNICIU	63058	24256		2242	ATELIER MC	LUPOAE N M		INACTIVE	12/1/2012	2/23/2015		admin	00718575-9	9/2/2022 11
158031217	GELU	RADU	GELU RADU	5932	06484	000429525E	2105	BIROU SUP	DIMA C COE		INACTIVE	7/1/2018	2/17/2019		admin	007f0694-f	9/2/2022 11
154022413	AUREL	PADURARU	AUREL PADURARU	90911	24908	001025868E	5111	SEATRAILS			INACTIVE	4/21/2017	4/9/2020		admin	00a8b2b9-0	9/2/2022 11
184080917	ROMEO	MARGINA	ROMEO MARGINA	9410	24013	000106963E	2290	HULL ASSEM	IFTIME G VA		ACTIVE	6/1/2021	8/9/2049		admin	00c55215-0	9/2/2022 11
189061317	ADRIAN	CARP	ADRIAN CARP	64072	24247		2243	ATELIER MC	SOREA V VL		INACTIVE	11/1/2013	2/12/2014		admin	00d914ff-5	9/2/2022 11
181071917	GEORGE	TROFIN	GEORGE TROFIN	33069	24923	000469203E	2270	PART FABRI	BRATOVEAN		ACTIVE	7/1/2021	7/19/2046		admin	00fda098-3	9/2/2022 11
278040617	GINA	DANUTA	GINA DANUTA	14022	23920	000474412E	2200	SECTIA IB	CRANGAN N		INACTIVE	4/1/2018	6/19/2021		admin	0100f088-e	9/2/2022 11
169120217	IONEL	STEFAN	IONEL STEFAN	35602	18706	001025579E	2290	HULL ASSEM	BANU I GIAI		ACTIVE	7/1/2021	12/2/2034		admin	01067f48-2	9/2/2022 11
188030117	TEODOR DA	MAFTEI	TEODOR DANIEL MAFTEI	5802	24496	000128193E	6102	BIROUL DEF	GORFOTELU		ACTIVE	7/1/2021	3/1/2053		admin	011608fe-0	9/2/2022 11
199121817	SILVIU GABR	BOGDAN	SILVIU GABRIEL BOGDAN	90513	25504	000475890E	5105	PERSONAL S	RADU A EDU		INACTIVE	12/11/2019	3/25/2020		admin	01199f9a-4	9/2/2022 11
500120917	EDUARD	RIPAN	EDUARD RIPAN	43001	26248	000946127E	5103	CENTRUL DE	RARINCA D		INACTIVE	3/2/2020	11/1/2020		admin	011a61bb-2	9/2/2022 11
186071017	CRISTIAN	DANAILA	CRISTIAN DANAILA	34010	24718	000227724E	2280	SECTION BU	BECHIR G A		ACTIVE	7/1/2021	7/10/2051		admin	01252f26-1	9/2/2022 11

Pictures_article_code_eq : tabel care poate stoca fisiere bmp cu imaginea articolului.

Lock_table : tabel intern al aplicatiei

App_log : tabel intern al aplicatie care stocheaza actiunile aplicatiei

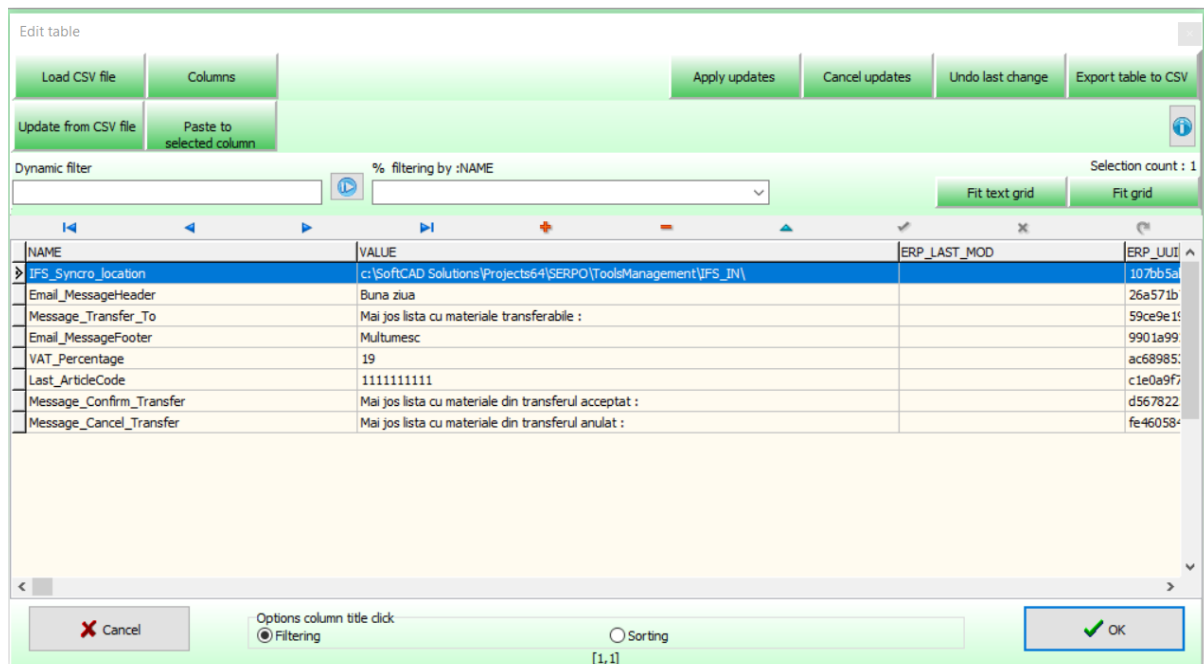
Users : tabel cu utilizatorii aplicatiei



Pentru ficare user trebuie definit un user name unic , adresa de e-mail care trebuie sa fie cea de pe contul outlook curent . Logarea in aplicatie se face in functie de contul de e-mail.

De asemenea trebuiesc definite USER WORKPLACE , USER_CONT , aceste campuri vor fi utilizate de aplicatie pentru a filtra datele din stocuri.

settings : Tabel cu setari specific aplicatie . Este necesar sa fie definit path-ul locatiei fisierului Report IFS.xlsx .



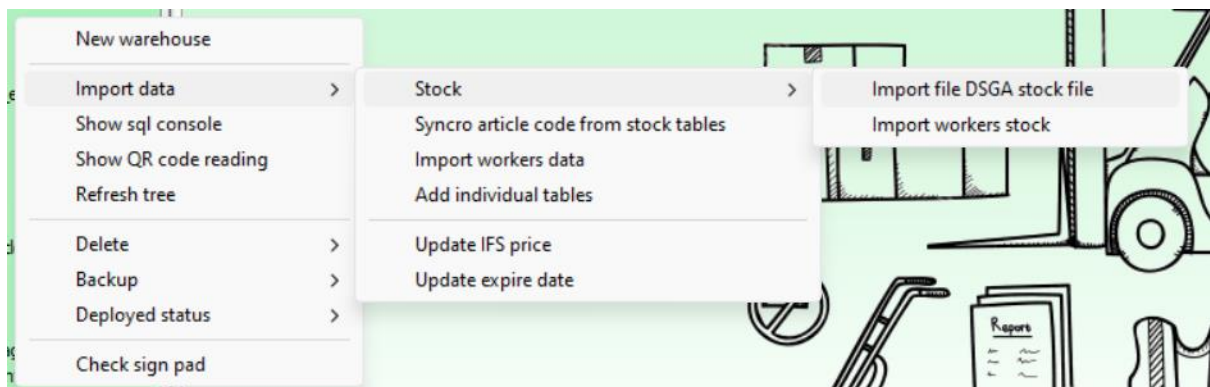
Formatul fisierului este important(Titlu coloane) , trebuie sa fie ca in screenshot de mai jos

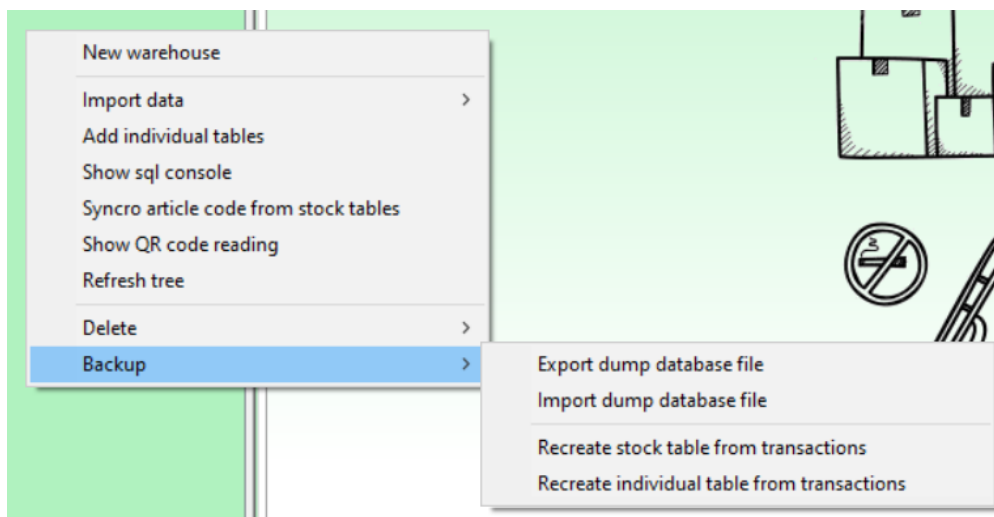
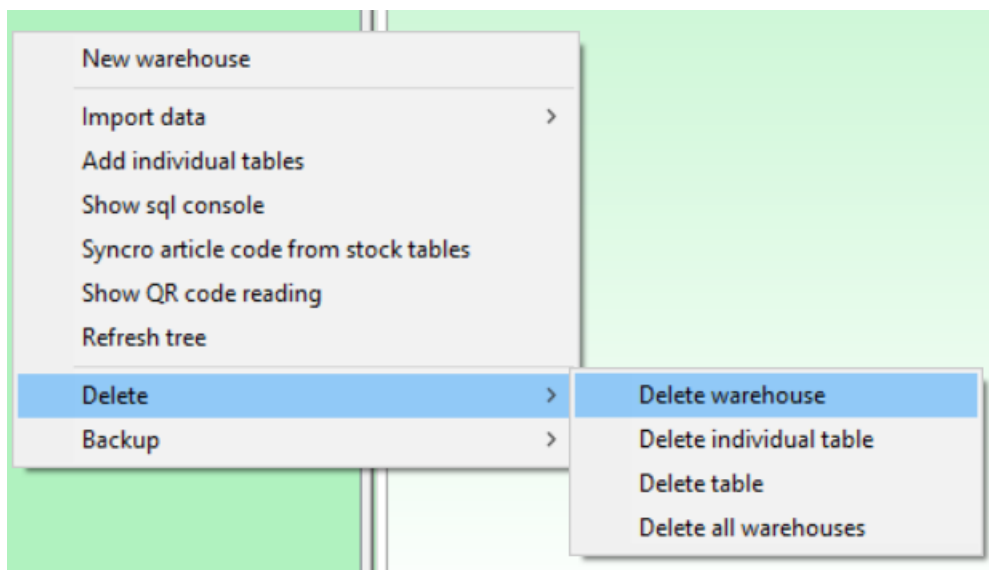
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
PART_NO	PART_DESCRIPTION	PART_DESCRIPTION_LEN	CANT	UOM	ACCOUNT_NO	Material	LOCATION_NO	COST_CENTER	TRANSACTION_ID	ACCOUNTING_DATE	LUNA AN	COMMODITY	COMMOD	COST	ORDER_NO	REQUISITIONER_CODE	
563565	Manusa de protectie din piele	Protection gloves cowhide buff, color	18.00	pair	60322	623138	WEST	2081	28464375	18/5/2021	10	2021	HSE materials	8.00	086549	00836	
224522	SEMMASCA GAZ CU FILTRU 3M	Half face mask respirator 3M code 6000-	24.00	pcs	60322	623138	WEST	2080	28467536	18/5/2021	10	2021	HSE materials	57.83	086794	00166	
224516	Ochelari sudor rama metalica	Welding goggles with metal frame	30.00	pcs	60322	623138	WEST	2080	28504457	18/11/2021	10	2021	HSE materials	13.22	086407	00053	
563565	Manusa de protectie din piele	Protection gloves cowhide buff, color	10.00	pair	60322	623300	WEST	1101	28517483	18/11/2021	10	2021	HSE materials	8.00	092522	AART01	
474067	Jacheta Eliiston	Clothing, flame retardant, anti-static hi-	10.00	pcs	60322	624136	WEST	1102	28522084	18/11/2021	10	2021	HSE materials	389.78	056670	00166	
522408	Costum selopato 2 piese, iarna	Clothing, Winter Overall - 2pieces, with	-25.00	set	60322	623138	WEST	2080	28575557	18/11/2021	10	2021	HSE materials	377.72	056720	00053	
468891	Jacheta cu maneci detasabile	Reflective jacket with removable	1.00	pcs	60322	623300	WEST	1102	28639326	11/1/2021	11	2021	HSE materials	76.00	093362	00053	
547480	Masca de unica folosinta cu 3	Disposable mask 3 layer	100.00	pcs	60322	623300	WEST	2300	28654109	11/2/2021	11	2021	HSE materials	0.18	09617	GBUN01	
547480	Masca de unica folosinta cu 3	Disposable mask 3 layer	1100.00	pcs	60322	624136	WEST	1102	28654114	11/2/2021	11	2021	HSE materials	0.18	09675	GBUN01	
547480	Masca de unica folosinta cu 3	Disposable mask 3 layer	50.00	pcs	60322	623300	WEST	1101	28654145	11/2/2021	11	2021	HSE materials	0.18	09575	GBUN01	
547480	Masca de unica folosinta cu 3	Disposable mask 3 layer	300.00	pcs	60322	623300	WEST	1104	28654166	11/2/2021	11	2021	HSE materials	0.18	09562	GBUN01	
547480	Masca de unica folosinta cu 3	Disposable mask 3 layer	200.00	pcs	60322	624136	WEST	1104	28654086	11/2/2021	11	2021	HSE materials	0.18	09566	GBUN01	
547480	Masca de unica folosinta cu 3	Disposable mask 3 layer	150.00	pcs	60322	624136	WEST	1103	28654103	11/2/2021	11	2021	HSE materials	0.18	09565	GBUN01	
257197	BOCANCI PROTECTIE CU	Boots S3 metal toe cap, code 2568	-13.00	pair	60322	624136	WEST	1103	28447148	18/11/2021	10	2021	HSE materials	215.00	091932	00053	
563565	Manusa de protectie din piele	Protection gloves cowhide buff, color	30.00	pair	60322	6224	WEST	1001	28466049	18/5/2021	10	2021	HSE materials	8.00	093987	GBUN01	
563565	Manusa de protectie din piele	Protection gloves cowhide buff, color	13.00	pair	60322	623300	WEST	1104	28469146	18/5/2021	10	2021	HSE materials	8.00	09121	AART01	
563565	Manusa de protectie din piele	Protection gloves cowhide buff, color	5.00	pair	60322	623300	WEST	1102	28471622	18/6/2021	10	2021	HSE materials	8.00	09133	00040	
215204	LENITLA PROTECTIE PLASTIC	Multivision middle lens 90x118 code	100.00	pcs	60322	623138	WEST	1040	28521958	18/11/2021	10	2021	HSE materials	2.14	09310	00042	
474067	Jacheta Eliiston	Clothing, flame retardant, anti-static hi-	5.00	pcs	60322	623138	WEST	2080	28522082	18/11/2021	10	2021	HSE materials	389.78	05648	00166	
563565	Manusa de protectie din piele	Protection gloves cowhide buff, color	12.00	pair	60322	623138	WEST	1070	28534687	18/11/2021	10	2021	HSE materials	8.00	086456	00078	
547480	Masca de unica folosinta cu 3	Disposable mask 3 layer	200.00	pcs	60322	623300	WEST	1109	28541553	18/11/2021	10	2021	HSE materials	0.18	09031	GBUN01	
257197	BOCANCI PROTECTIE CU	Boots S3 metal toe cap, code 2568	200.00	pair	60322	623138	WEST	1070	28575001	18/11/2021	10	2021	HSE materials	218.41	08347	00053	
547480	Masca de unica folosinta cu 3	Disposable mask 3 layer	390.00	pcs	60322	623300	WEST	1101	28654110	11/2/2021	11	2021	HSE materials	0.18	09691	GBUN01	
215637	SEMMASCA FFP2 COD DFND	Dust Mask FFP2 VANTY code 220VC	200.00	pcs	60322	624136	WEST	1102	28654124	11/2/2021	11	2021	HSE materials	4.28	09655	GBUN01	
547480	Masca de unica folosinta cu 3	Disposable mask 3 layer	700.00	pcs	60322	623138	WEST	2080	28654134	11/2/2021	11	2021	HSE materials	0.18	09676	GBUN01	
215637	SEMMASCA FFP2 COD DFND	Dust Mask FFP2 VANTY code 220VC	400.00	pcs	60322	623138	WEST	1070	28654170	11/2/2021	11	2021	HSE materials	4.28	09612	GBUN01	
563565	Manusa de protectie din piele	Protection gloves cowhide buff, color	40.00	pair	60322	623138	WEST	1071	28667944	11/3/2021	11	2021	HSE materials	8.00	09824	00078	
563565	Manusa de protectie din piele	Protection gloves cowhide buff, color	140.00	pair	60322	6224	WEST	1001	28466062	18/5/2021	10	2021	HSE materials	8.00	08917	GBUN01	
215204	LENITLA PROTECTIE PLASTIC	Multivision middle lens 90x118 code	400.00	pcs	60322	623138	WEST	1040	28521957	18/11/2021	10	2021	HSE materials	2.14	09310	00042	

Acest fisier trebuie actualizat de fiecare data cand apar tranzactii noi

ADMIN

Userul admin poate face mai multe actiuni , numele actiunii defineste explicit ce face,vezi screen shot de mai jos.





Admin va face urmatoarele actiuni:

1) La **TO** va importa fisieru DSGa , csv sau xlsx , in formatul de mai jos , numele coloanelor este important si trebuia sa fie cele mai de jos

Row #	cod_gest	den_gest_scul	part_no	cod	denumire	stoc	um	cont	descriere
1	281	SCULERIA SECTIA MECANICA	1364312	1000796	Ciocan rotopercutor SDS plus t		5 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
2	281	SCULERIA SECTIA MECANICA	1362865	1000797	Suport magnetic pt. ceas comp		9 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
3	281	SCULERIA SECTIA MECANICA	1362866	1000798	Suport magnetic pt. ceas comp		3 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
4	281	SCULERIA SECTIA MECANICA	1273155	1000152	CUTIT DE TAIAT TEVI 3-35MM		5 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
5	281	SCULERIA SECTIA MECANICA	1362451	1000799	Clema pentru ridicarea butoaie		5 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
6	281	SCULERIA SECTIA MECANICA	1257384	32763992	CHEIE REGLABILA CU ROLA 22,		4 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
7	213	SCULERIA SECTIA 1 A - MAGAZIE EST		80007528	PREDUCELE 29 01.17.20.00 EX		30 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
8	213	SCULERIA SECTIA 1 A - MAGAZIE EST		80007552	PREDUCELE 31 01.17.20.00 EX		13 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
9	214	SCULERIA SECTIA 1 C.B. - MAI	1261359	38442457	COMPAS ELECTRONIC A-DIGIT		1 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
10	213	SCULERIA SECTIA 1 A - MAGAZIE EST		32763310	PREDUCELE 5		4 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
11	213	SCULERIA SECTIA 1 A - MAGAZIE EST		32763332	PREDUCELE 8		2 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
12	213	SCULERIA SECTIA 1 A - MAGAZIE EST		80011055	PREDUCELE 23 01.17.20.00 EX		23 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
13	213	SCULERIA SECTIA 1 A - MAGAZIE EST		80026570	PREDUCELE 40 01.17.20.00 EX		11 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
14	281	SCULERIA SECTIA MECANICA	1335980	92602446	MANDRINA CU AUTOSTRINGE		6 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
15	281	SCULERIA SECTIA MECANICA		92600553	BURGHIU SDS 10X110		1 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
16	281	SCULERIA SECTIA MECANICA		92602674	BURGHIU SDS 16X210		1 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
17	213	SCULERIA SECTIA 1 A - MAGAZIE EST		32606044	REDUCTIE STRUNG 5/1 STAS 2		16 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
18	213	SCULERIA SECTIA 1 A - MAGAZIE EST		54108257	MANUAL DE BUZUNAR - LACA		220 BUC	923113	MATERIALE DE BIRO, RECHIZITE
19	213	SCULERIA SECTIA 1 A - MAGAZIE EST		38410641	SET MICROMETRE INT 01		2 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
20	213	SCULERIA SECTIA 1 A - MAGAZIE EST		38410628	SET MICROMETRE INT 02		1 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
21	213	SCULERIA SECTIA 1 A - MAGAZIE EST		38411336	SET MICROMETRE INT 09		1 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
22	213	SCULERIA SECTIA 1 A - MAGAZIE EST		38415135	SET MICROMETRU INTERIOR C		1 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
23	213	SCULERIA SECTIA 1 A - MAGAZIE EST		38414917	SUBLER EXTERIOR 500 1/10		4 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
24	213	SCULERIA SECTIA 1 A - MAGAZIE EST		38415022	SUBLER EXTERIOR 800 1/10		1 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
25	281	SCULERIA SECTIA MECANICA	1452293	1001281	Hole Saw Quick-in 14x35 TCT, c		10 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
26	281	SCULERIA SECTIA MECANICA	1221298	1001282	BURGHIU 19 SR 575-93		18 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
27	251	SCULERIA SECTIA 2 TUBULATI	1307112	1000415	Lopata aluminiu cu coada lem		87 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)
28	281	SCULERIA SECTIA MECANICA		32766684	SET CHEIE IMBUS CAP SFERIC		4 BUC	80395	ALTE VALORI IN AFARA BILANTULUI (SCULE)

Acest tabel trebuie sa contina doar info pentru "sculeriile" dorite.

Aplicatia va genera automat tabelele pentru depozite si va inregistra tranzactia.

2) Syncro article code from stock table , va actualiza tabelul de coduri(Part_No_IFS, Article_Code) dupa info din tabele

3) Actualizeaz tabelul Deploy_to cu datele muncitorilor , via import fisier csv, ttlul coloanelor trebuie sa coincida cu cele din tabel

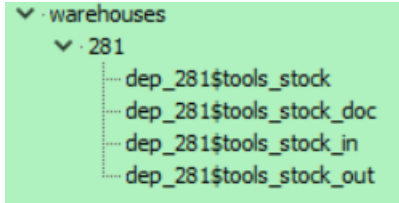
Pentru fiecare muncitor din tabel aplicatia va genera automat un tabel individual corespunzator la urmatoare login.

Mai jos lista de tranzatii si semnificatia lor:

- 'DSGA_IN' : (+) , import stock dsaga
- 'BALANCE' : (+) , stock la data , o dat pe an se poate face o compresie a tabelelor ...stock_in , ...stock_out prin inregistra ca input a balantei la sfarsit de an
- 'IFS_IN' : (+) , adauga in stoc articole din sincronizare IFS
- 'IFS_OUT' : (-) , elimina articole din sincronizare IFS
- 'DEPLOY_OUT' : (-) , iesire din stoc prin distributie muncitor
- 'DEPLOY_IN' : (+) , intrare in stoc prin retur de la muncitori
- 'STOCK_IN' : (+) , intrare in stock prin gestionar depozit
- 'EXPIRED', 'LOST', 'STOLEN', 'DESTROYED', 'OTHERS' : (-) iesire din stock prin gestionar
- 'STOCK_MOVE_IN' : (+) , intrare in stoc prin transfer din alt stoc
- 'CANCEL_STOCK_MOVE' : (+) , intrare in stoc prin anulare transfer
- 'STOCK_MOVE_OUT' : (-) , iesire din stoc prin transfer in alt stoc
- 'DEPLOYED_MOVE_OUT' : (-) , iesire din stoc prin transfer muncitor
- 'DEPLOYED_MOVE_IN' : (+) , intrare in stoc prin transfer muncitor
- 'CANCEL_DEPLOYED_MOVE' : (+) intrare in stoc prin anulare transfer muncitor

Ca regula tot ce se termina in _OUT sunt iesiri , tot ce setermina in _IN sunt intrari

Depozite



Tabele care formeaza un depozit sunt :

...\$tools_stock_in : tabelul de intrari in stoc

...\$tools_stock_out : tabelul de iesiri din stoc

...\$tools_stock_doc : tabelul care stocheaza fisiere pdf cu documentele tranzactie generate automat

...\$tools_stock : tabelul cu stocul curent , Quantity reprezinta cantitatile la raft in acel moment , iar

Quantity_Deployed reprezinta cantitatile distribuie in acel moment

Userul poate vizualiza readonly toata baza de date, toate depozitele prin apasarea butonului Preview databank. Fereastra afisata este o fereastra Stay on Top si poate fi asezata pe monitorul 2, de ex.

Practic tabele de intrari si iesiri sunt suficiente pentru a genera in orice moment stocul curent atat in depozit cat si distribuit la muncitori ele contin intreaga istorie a tranzactiilor.

Aplicatia actualizeaza tabelul de stoc in mod "runtime" pentru a avea o functionare fluenta si rapida a aplicatie.

Mod lucru

Actiunile principale ale unui user sunt generate cu butoanel din grup de mai jos. Ca observatie generala semnul + de pe buton inseamna ca se adauga articole in stock , semnul – inseamna ca se distribuie , elimina articole din stock



, Actiuni sunt definite si in PopUp Menu , grid si tree (right click mouse)

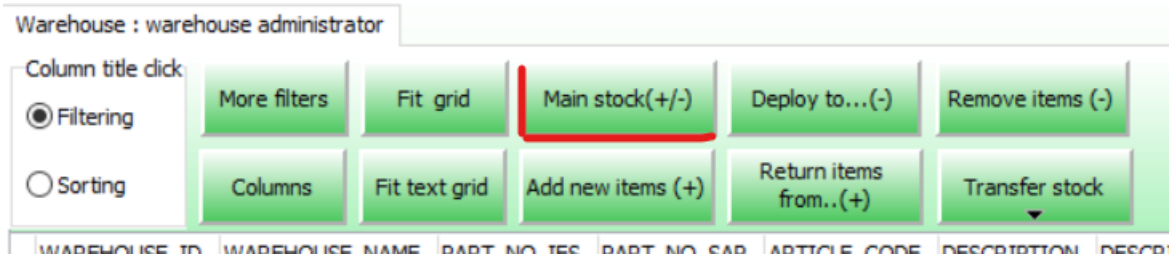
Actiunile userului se fac in 2 pasi in functie de context , selectie articole urmat de confirmare.

Toate actiunile userului se fac din tabelul de stoc selectat curent.

1. Adauga sau elimina articole din IFS , stoc principal.

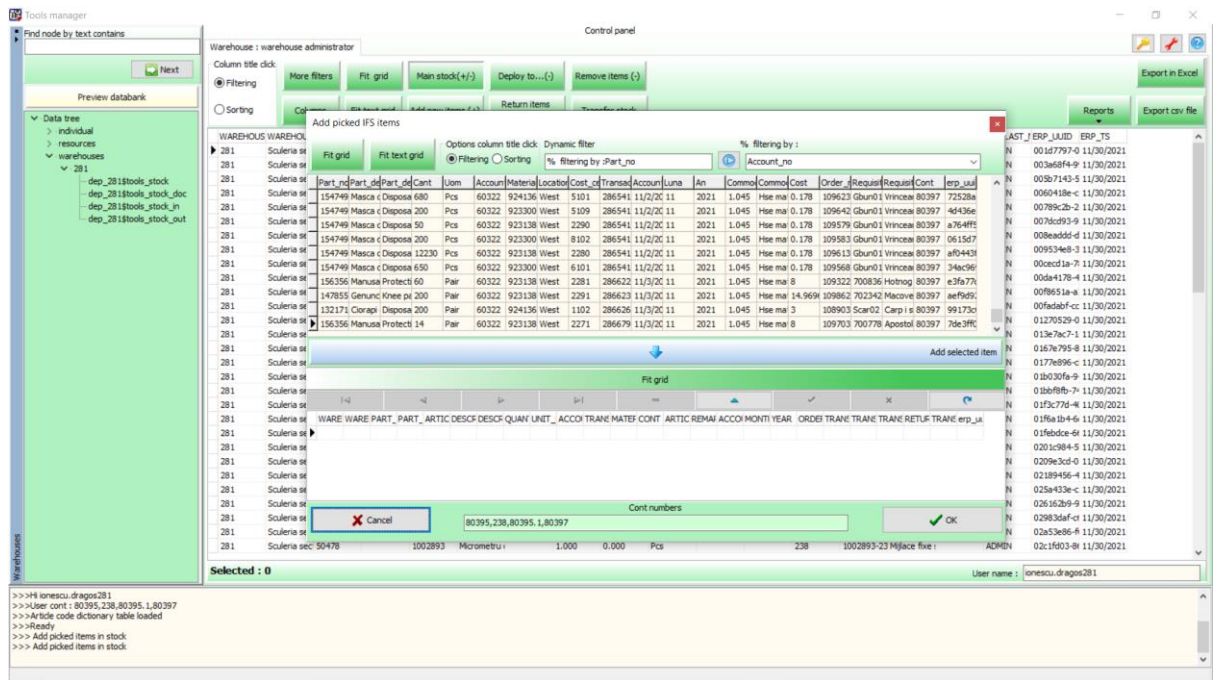
Dblclick pe tabelul\$tools_stock si acesta devine selectat si afisat in grid

WAREHOUSE_ID	WAREHOUSE_NAME	PART_NO_IFS	PART_NO_SAP	ARTICLE_CODE	DESCRIPTION	DESCRIPTION_LEN	CONT	QUANTITY	QUANTITY_DEPLOYED	QUANTITY_SCRAP	QUANTITY_EXPIRED	QUANTITY_TOTAL	UNIT_MEASURE
213	SCLERIA SECTIA 1 # 23388			1001972	APARAT PORTA		229	1	0	0	0	1	Pcs
213	SCLERIA SECTIA 1 #			38402940	MANOMETRU II		80395	1	0	0	0	1	Pcs
213	SCLERIA SECTIA 1 # 26319			1003403	APARAT DE SLU		229	1	0	0	0	1	Pcs
213	SCLERIA SECTIA 1 # 22419			1003226	INVERTOR SLU		229	0	1	0	0	1	
213	SCLERIA SECTIA 1 # 1221406			32708013	CHEI FNDE DUBL		80395	101	150	0	0	251	
213	SCLERIA SECTIA 1 # 25701			1002003	SLEFUTOR PNE		229	0	1	0	0	1	
213	SCLERIA SECTIA 1 #			32629987	BURGHU 17 SR		80395	26	1	0	0	27	
213	SCLERIA SECTIA 1 # 1286619			1000238	NEVELA CU TALJ		80395	0	1	0	0	1	
213	SCLERIA SECTIA 1 # 28321			1004532	SET PRESA 50 T		229	1	0	0	0	1	Pcs
213	SCLERIA SECTIA 1 # 28220			1004171	APARAT SUDUR		229	0	1	0	0	1	
213	SCLERIA SECTIA 1 # 26805			1002553	INVERTOR CLU		229	0	1	0	0	1	
213	SCLERIA SECTIA 1 # 1374277			1374277	ANSAMBLU LAN		80395	0	3	0	0	3	
213	SCLERIA SECTIA 1 # 1222952			1000291	CHINGA IT L=6		80395	0	64	0	0	64	
213	SCLERIA SECTIA 1 #			80007528	PREDUCELE 29		80395	29	0	0	0	29	Pcs
213	SCLERIA SECTIA 1 # 1309654			1000715	CLESTE PENTRL		80395	0	2	0	0	2	
213	SCLERIA SECTIA 1 #			32707817	CHEI FNDE DUBL		80395	8	28	0	0	36	
213	SCLERIA SECTIA 1 # 1604680			1004930	CAROTA POWIE		80395	0	1	0	0	1	PCS
213	SCLERIA SECTIA 1 # 28478			1004599	APARAT DE SLU		229	0	1	0	0	1	
213	SCLERIA SECTIA 1 # 24382			1003941	INVERTOR (REC		229	1	0	0	0	1	Pcs
213	SCLERIA SECTIA 1 #			38408313	MICROMETRU E		80395	2	0	0	0	2	Pcs
213	SCLERIA SECTIA 1 #			32714481	PRELINGTOR I		80395	0	1	0	0	1	
213	SCLERIA SECTIA 1 # 27402			1003551	APARAT DE SLU		229	0	1	0	0	1	
213	SCLERIA SECTIA 1 # 1609806			1004960	MENGHINA CU!		80395	0	6	0	0	6	PCS
213	SCLERIA SECTIA 1 # 28479			1004560	APARAT DE SLU		229	0	1	0	0	1	PCS
213	SCLERIA SECTIA 1 # 1229898			32634336	BURGHU 13 SR		80395	0	37	0	0	37	
213	SCLERIA SECTIA 1 # 1528189			1004553	CHINGA TUBUL		80395	0	2	0	0	2	

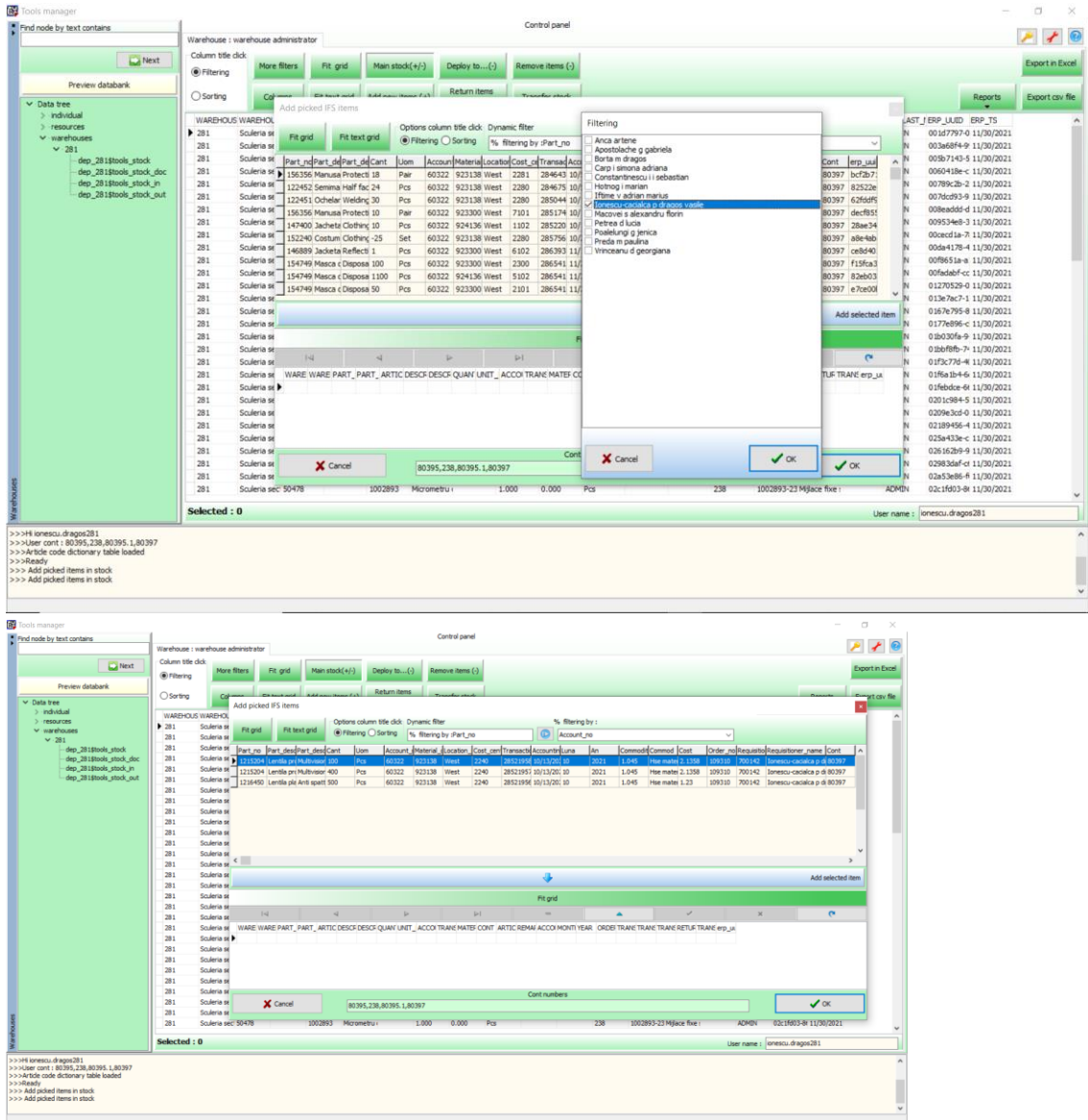


Apasa butonul Main stock(+/-) .

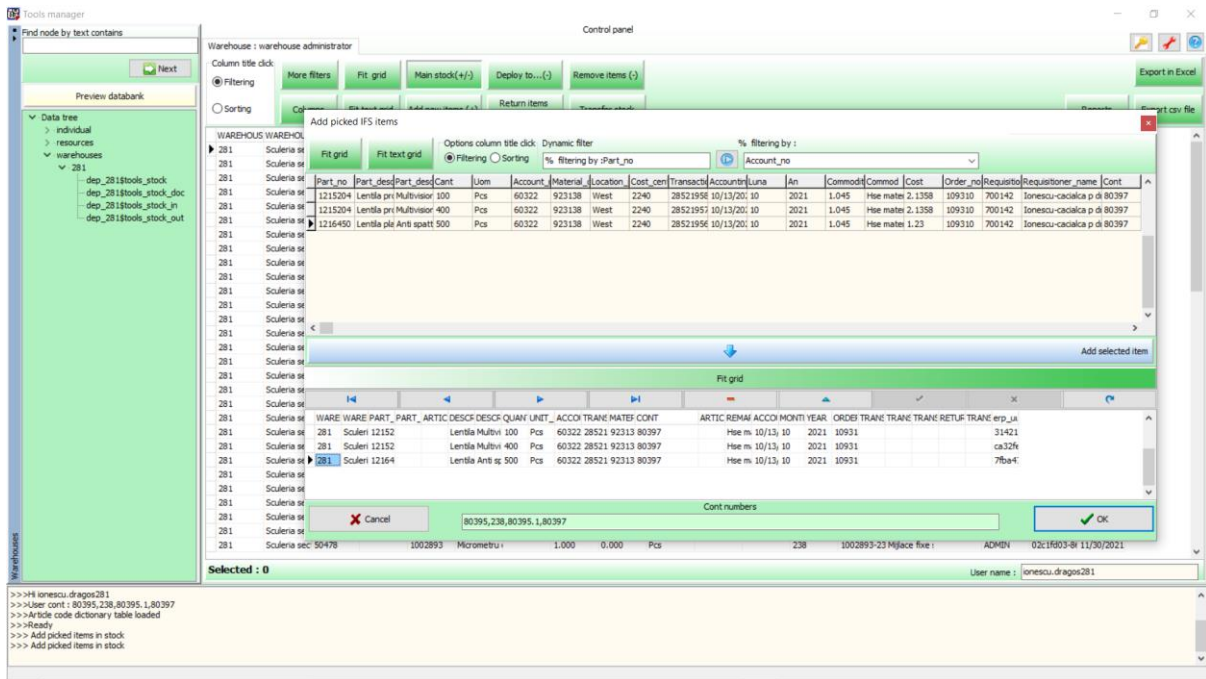
Aplicatia va incarca automat ultimul tabel de sincronizare cu IFS din locatia setata anterior, si va afisa fereastra cu toate tranzactiile din acel moment.



Userul poate filtra tabelul si va adauga in partea inferioara doar tranzactiile facute de el in IFS. De ex. am filtrat dupa Requisitioner_name



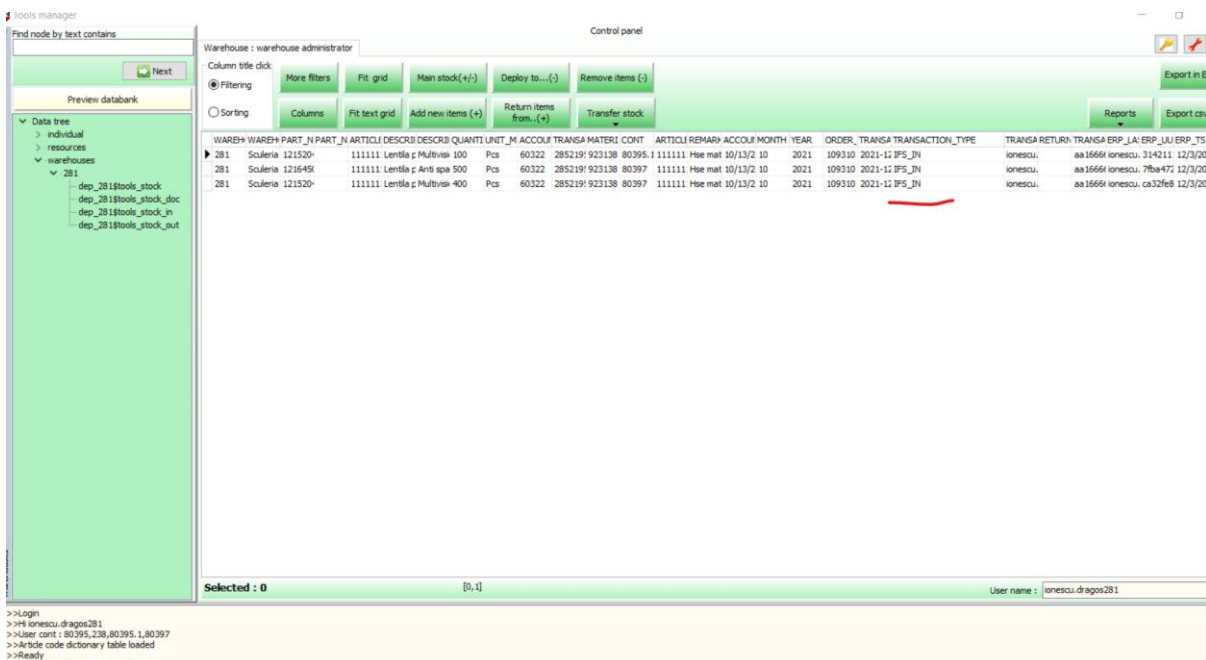
Dupa care am adaugat din grid-ul superior in grid-ul inferior doar articolele care au ajuns in depozit. Aplicatia determina automat cont-ul , dar userul are posibilitatea de a edita si al schimba. Ca regula generala in toate ferestrele de transfer date , daca userul face dblick pe caseta din coloana cont , aplicatia va trece prin toate conturile disponibile userului.



Grid-ul de jos poate fi edita ,userul poate modifica cantitatile , poate sterge cu butonul -, inregistrari etc..

Apasarea butonului OK va confirma actiunea userului si va stoca informatia.

In orice moment userul poate vedea tabelul de intrari sau de iesiri , mai jos ca ex. ma uit in tabelul de intrari si am sa filtrez dupa ultima tranzactie ,IFS_IN , cele 3 articole adaugate in stoc.

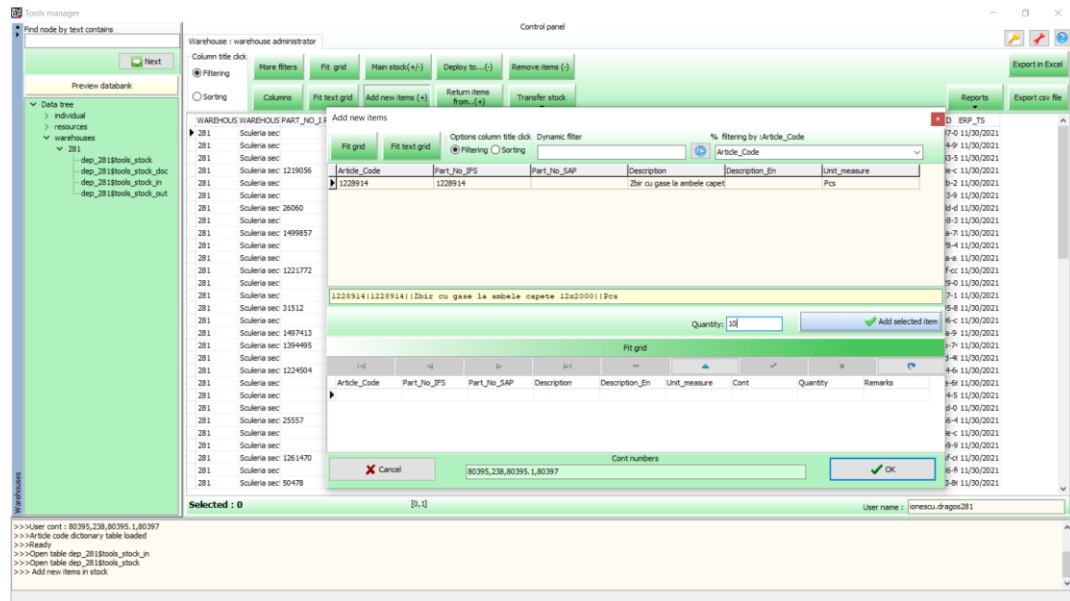


2. Adauga articole noi definite de user in stoc.

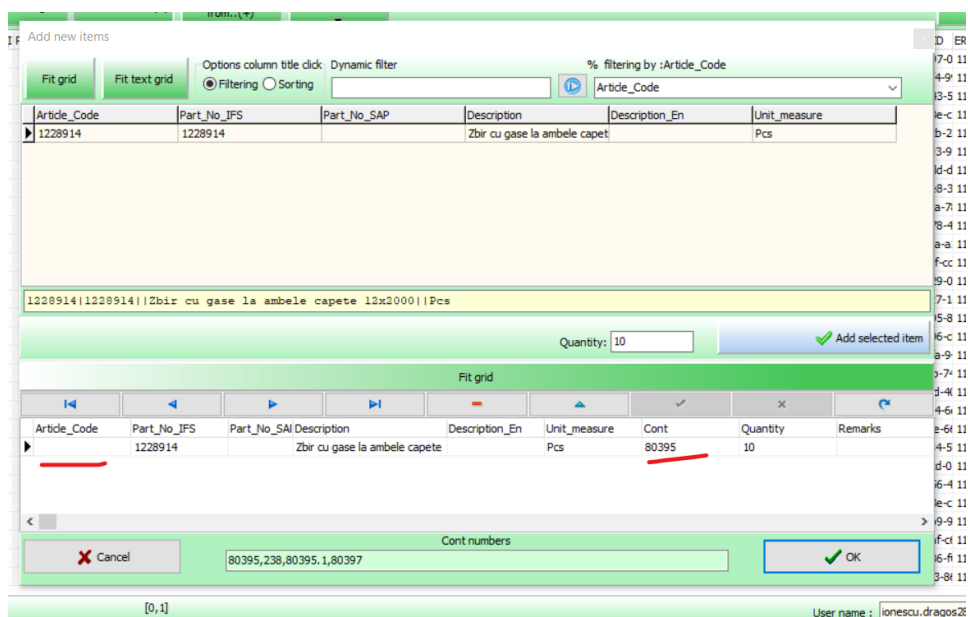


Apasa butonul Add new items(+)

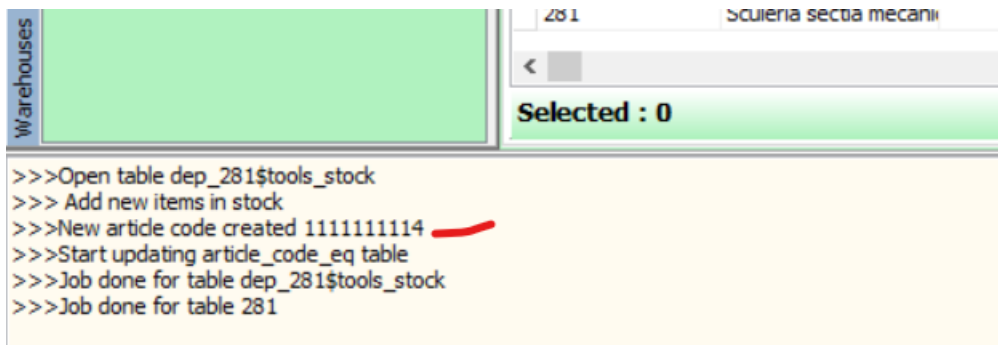
In fereastra afisata in grid-ul superior vor fi afisate toate articolele definite in baza de date , user-ul poate filtra si poate selectat un articol, dupa care apasa butonul Add selected item



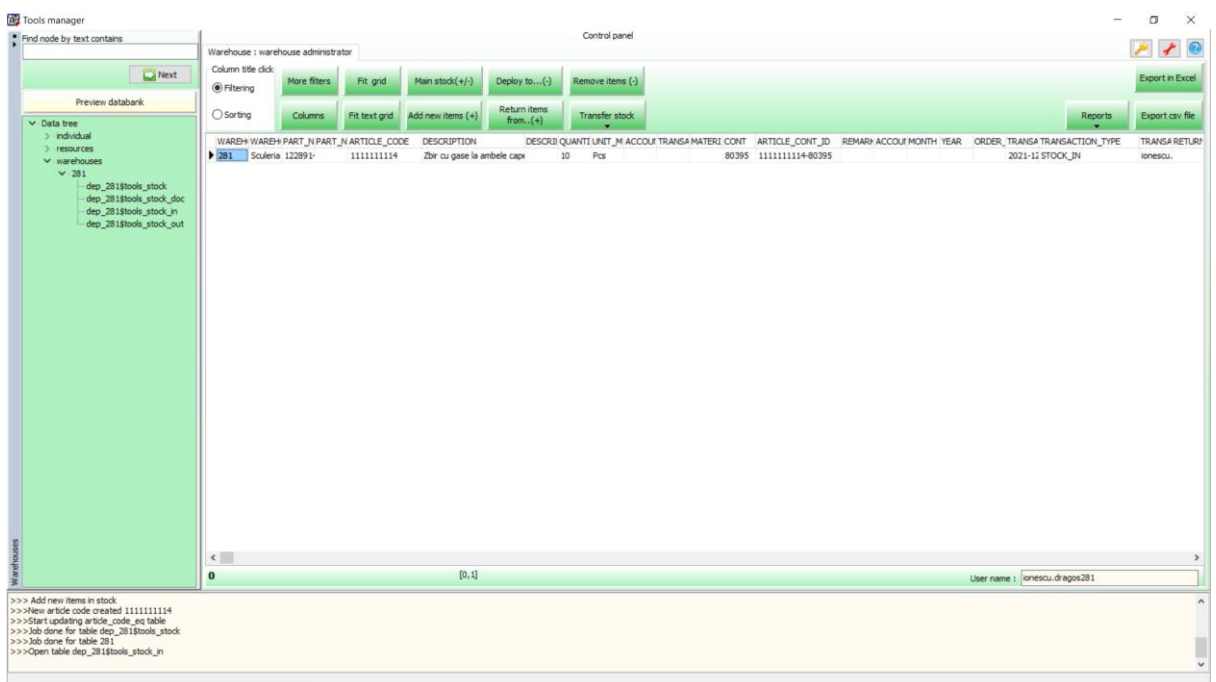
Daca user-ul doreste sa adauge un articol inexistent tin baza de date atunci este sufficient ca campul Article_Code sa fie empty. Aplicatia va genera automat un nou articolecode si il va adauga in tabelul corespunzator din baza de date.



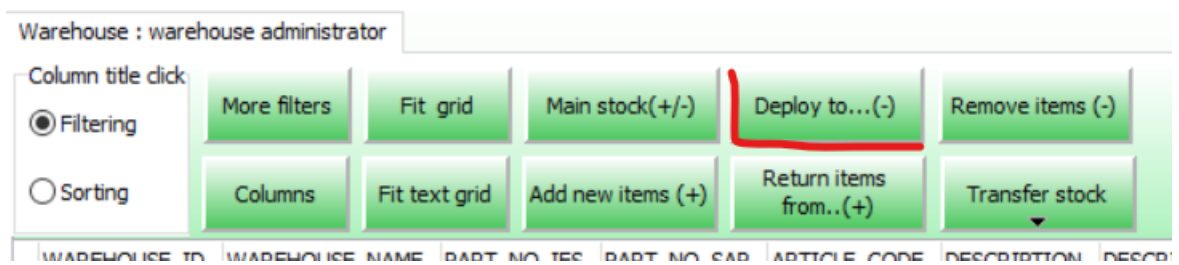
Se confirma selectia prin apasarea butonului Ok , iar in fereastra de mesaje va fi mentiona noul article code creat.



Mai jos un screen shot din ultima tranzactie STOCK_IN



3. Distributie catre muncitori. Se poate utiliza citirea de coduri de bare / QR

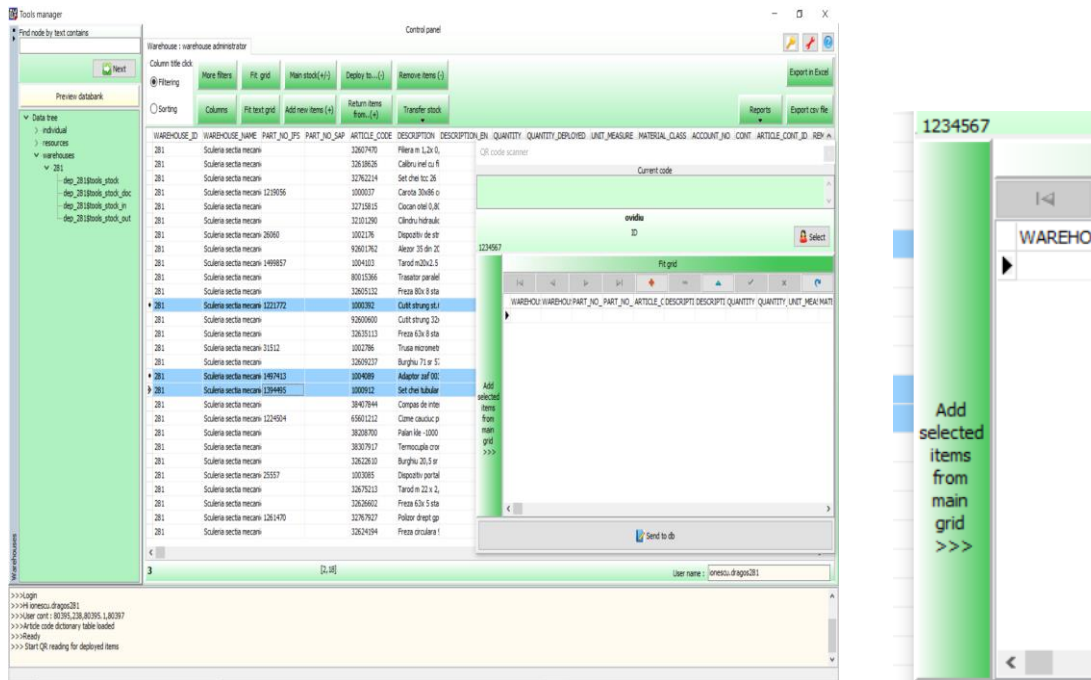


Apasa butonul Deploy to...(-)

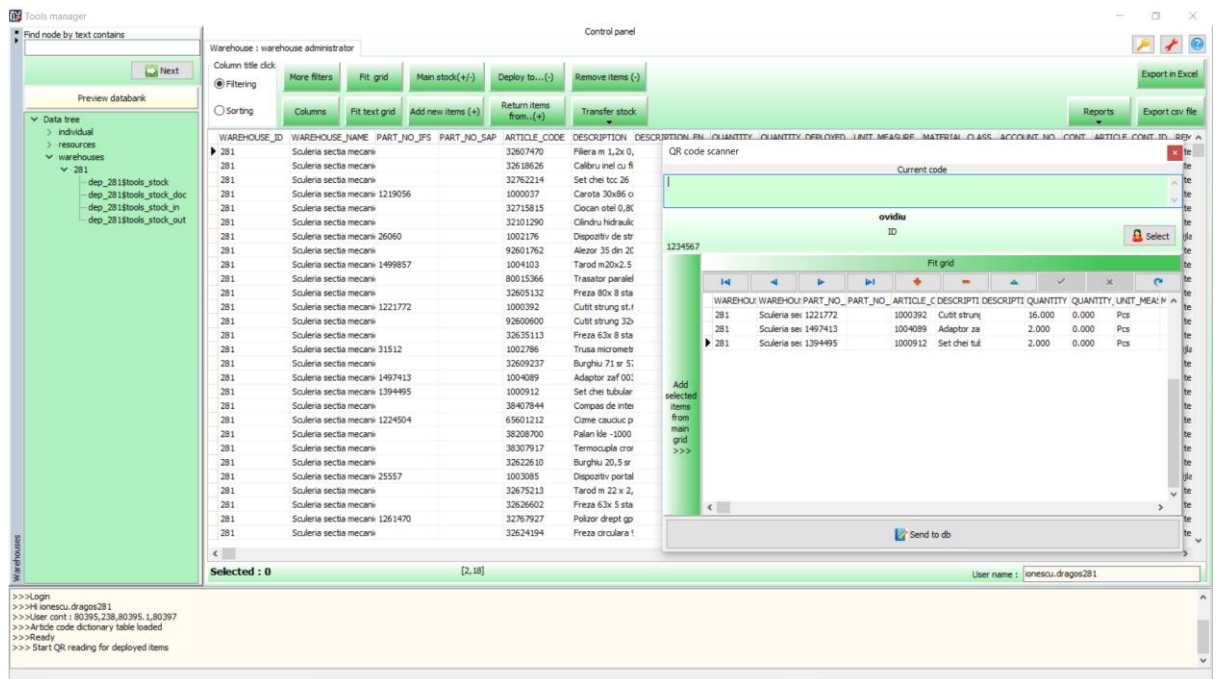
In fereastra afisata se poate selectat destinatarul(muncitor) prin citire cod de bare cartela sau manual apasand butonul din dreapta Select

Ask worker app va comunica cu aplicatia Worker si cititorul de carduri

Pentru a adauga articole, se selecteaza in tabelul principal , dupa care se apasa butonul vertical



In acest fel user-ul poate adauga articole in grid. Userul poate modifica cantitatile , by default aplicatia aduce tot.



Pentru a confirma selectia se apasa butonul Send to db.
 Aplicatia genereaza si un document pdf corespunzator acestei tranzactii.
 Deoarece am trimis la destinatar tot ce aveam in acel moment in stoc la raft , cele 3 articole apar cu rosu semnaland ca nu mai sunt la raft cantitati disponibile.

Tools manager

Warehouse : warehouse administrator

Control panel

Column title click: More filters, Fit grid, Main stock(+/-), Deploy to...(-), Remove items (-)

Filtering: Columns, Fit text grid, Add new items (+), Return items from...(+), Transfer stock

WAREHOUSE_ID	WAREHOUSE_NAME	PART_NO_IPS	PART_NO_SAP	ARTICLE_CODE	DESCRIPTION	DESCRIPTION_LEN	QUANTITY	QUANTITY_DEPLOYED	UNIT_MEASURE	MATERIAL_CLASS	ACCOUNT_NO	CONT	ARTICLE_CONT_ID	REM
281	Suleria sectia mecani			32607470	Filiera m 1,2x 0,		2.000	0.000	Pcs			80395	32607470-80395	Alte
281	Suleria sectia mecani			32618626	Caltru inel cu fi		1.000	0.000	Pcs			80395	32618626-80395	Alte
281	Suleria sectia mecani			32762214	Set chei tuc 26		2.000	0.000	Pcs			80395	32762214-80395	Alte
281	Suleria sectia mecani	1219056		1000037	Carota 30x86 o		1.000	0.000	Pcs			80395	1000037-80395	Alte
281	Suleria sectia mecani			32715815	Cocan otel 0,8x		27.000	0.000	Pcs			80395	32715815-80395	Alte
281	Suleria sectia mecani			32101290	Cilindru hidraulic		2.000	0.000	Pcs			80395	32101290-80395	Alte
281	Suleria sectia mecani	26060		1002176	Dispozitiv de str		1.000	0.000	Pcs			238	1002176-238	Mjla
281	Suleria sectia mecani			92601762	Alezor 35 dn 2C		1.000	0.000	Pcs			80395	92601762-80395	Alte
281	Suleria sectia mecani	1499857		1004103	Tarod m20x2,5		24.000	0.000	Set			80395	1004103-80395	Alte
281	Suleria sectia mecani			80015366	Trasator paralel		1.000	0.000	Pcs			80395	80015366-80395	Alte
281	Suleria sectia mecani			32605132	Freza 80x 8 sta		18.000	0.000	Pcs			80395	32605132-80395	Alte
281	Suleria sectia mecani	1221772		1000392	Cuitt string st L		0.000	16.000	Pcs			80395	1000392-80395	Alte
281	Suleria sectia mecani			92600600	Cuitt string 3D		1.000	0.000	Pcs			80395	92600600-80395	Alte
281	Suleria sectia mecani			32635113	Freza 63x 8 sta		9.000	0.000	Pcs			80395	32635113-80395	Alte
281	Suleria sectia mecani	31512		1002786	Trusa micromet		1.000	0.000	Pcs			238	1002786-238	Mjla
281	Suleria sectia mecani			32609237	Burghiu 71 sr S		1.000	0.000	Pcs			80395	32609237-80395	Alte
281	Suleria sectia mecani	1497413		1004089	Adaptor zaf 000		0.000	2.000	Pcs			80395	1004089-80395	Alte
281	Suleria sectia mecani	1394495		1000912	Set chei tubular		0.000	2.000	Pcs			80395	1000912-80395	Alte
281	Suleria sectia mecani			36407844	Compas de inite		18.000	0.000	Pcs			80395	36407844-80395	Alte
281	Suleria sectia mecani	1224504		65601212	Came oxalud p		10.000	0.000	Pair			80397	65601212-80397	Alte
281	Suleria sectia mecani			38208700	Palan lile -1000		2.000	0.000	Pcs			80395	38208700-80395	Alte
281	Suleria sectia mecani			38307917	Termocoula cor		2.000	0.000	Pcs			80395	38307917-80395	Alte
281	Suleria sectia mecani			32622610	Burghiu 20,5 sr		45.000	0.000	Pcs			80395	32622610-80395	Alte
281	Suleria sectia mecani	25557		1003085	Dispozitiv portal		1.000	0.000	Pcs			238	1003085-238	Mjla
281	Suleria sectia mecani			32675213	Tarod m 22 x 2,		313.000	0.000	Pcs			80395	32675213-80395	Alte
281	Suleria sectia mecani			32626602	Freza 63x 5 sta		8.000	0.000	Pcs			80395	32626602-80395	Alte
281	Suleria sectia mecani	1261470		32767927	Polizor drept gp		13.000	0.000	Pcs			80395	32767927-80395	Alte
281	Suleria sectia mecani			32624194	Freza circulara !		3.000	0.000	Pcs			80395	32624194-80395	Alte

Selected : 0 [2, 18] User name : ionescu.dragos281

```

>>> Start QR reading for deployed items
>>> Job done for table dep_2818tools_stock
>>> Remove zero balance for dep_2818tools_stock
>>> Job done for table dep_2818tools_stock
File exported : C:\SoftCAD_Solutions\Projects64\ERPPO\ToolsManagement\Wms4\Debug\PDF\6e74e807-0c18-4cc7-9efa-ef14d1e4c139.pdf
>>> Job done for table wkr_1234567
    
```

In tabelul de iesire apare ultima tranzitie

Tools manager

Warehouse : warehouse administrator

Control panel

Column title click: More filters, Fit grid, Main stock(+/-), Deploy to...(-), Remove items (-)

Filtering: Columns, Fit text grid, Add new items (+), Return items from...(+), Transfer stock

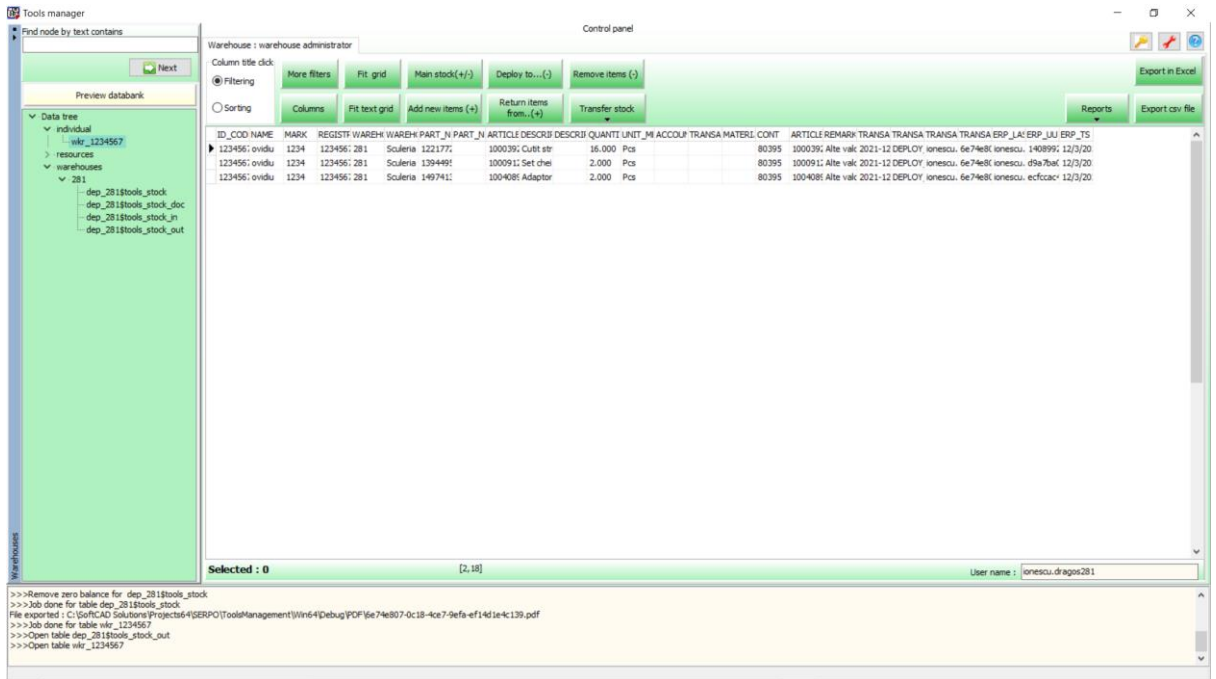
WAREH	WAREH+PART_N	PART_N	ARTICLE	DESCR1	DESCR2	QUANTI	UNIT_M	ACCOU	TRANSA	CONT	ARTICLE	MATERI	REMARK	ACCOU	MONTH	YEAR	ORDER	TRANSA	TRANSA	TRANSA	DEPLOY	TRANSA	ERP_LA	ERP_LU	ERP_TS
281	Suleria	149741:	1004089	Adaptor		2.000	Pcs			80395	1004089:	Alte	valk					2021-11	DEPLOY	ionescu_123456	6e74e807-0c18-4cc7-9efa-ef14d1e4c139	239988:	12/3/20		
281	Suleria	139449:	1000912	Set chei		2.000	Pcs			80395	1000912:	Alte	valk					2021-11	DEPLOY	ionescu_123456	6e74e807-0c18-4cc7-9efa-ef14d1e4c139	3dca96:	12/3/20		
281	Suleria	122177:	1000392	Cuitt str		16.000	Pcs			80395	1000392:	Alte	valk					2021-11	DEPLOY	ionescu_123456	6e74e807-0c18-4cc7-9efa-ef14d1e4c139	d0be43:	12/3/20		

Selected : 0 [2, 18] User name : ionescu.dragos281

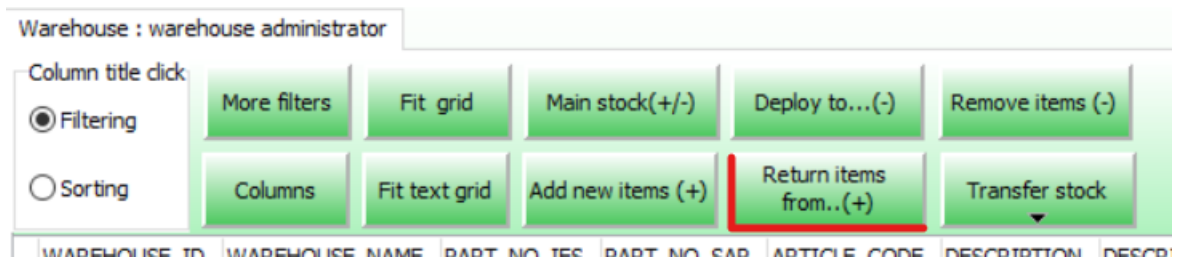
```

>>> Job done for table dep_2818tools_stock
>>> Remove zero balance for dep_2818tools_stock
>>> Job done for table dep_2818tools_stock
File exported : C:\SoftCAD_Solutions\Projects64\ERPPO\ToolsManagement\Wms4\Debug\PDF\6e74e807-0c18-4cc7-9efa-ef14d1e4c139.pdf
>>> Job done for table wkr_1234567
>>> Open table dep_2818tools_stock_out
    
```

De asemenea si in tabelul individual al destinatarului apar articolele din tranzactie



4. Retur de la muncitori. Se poate utiliza citirea de coduri de bare / QR



Se apasa butonul Return items from ..(+)

Este operatiunea inversa distributie si modul de lucru este asemanator.

In fereastra afisata , se selecteaza muncitorul care returneaza,iar in grid-ul superior vor aparea tot ce detine muncitorul in acel moment.Se alege ce returneaza dupa care se apasa butonul lateral vertical



The screenshot shows the 'Warehouse administrator' application. On the left is a 'Data tree' with a 'Data bank' section. The main area displays a table of warehouse items with columns for Warehouse, Part No, Article, Description, Quantity, Unit, Material, Account, and Remarks. A detailed view of a selected item (ID: 1234567) is shown on the right, including its description and a table of associated items.

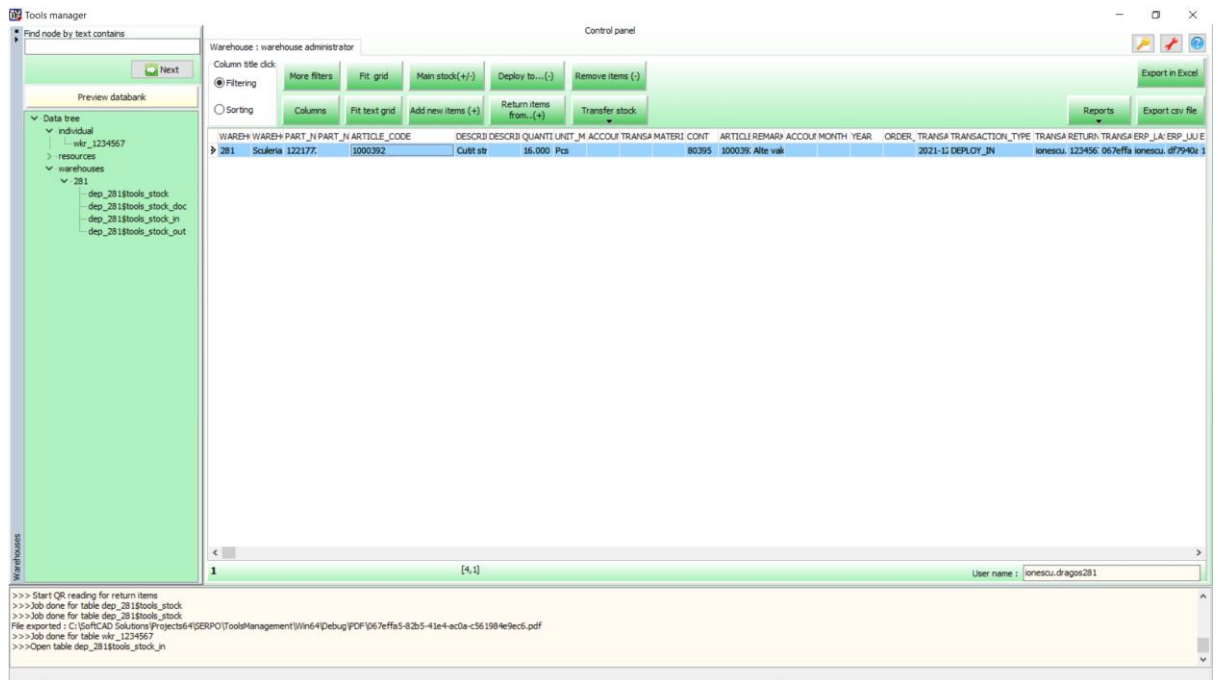
WAREHOUSE	PART_NO	ARTICLE	DESCRIPTION	QUANTITY	UNIT	MATERIAL	ACCOUNT	REMARKS
281	Sculeria sec	32607470	QR code scanner					
281	Sculeria sec	32618626	Call					
281	Sculeria sec	32762214	Set					
281	Sculeria sec	1219056	1000037					
281	Sculeria sec	32715815	Coc					
281	Sculeria sec	32101290	Clin					
281	Sculeria sec	26060	1002176					
281	Sculeria sec	92601762	Alez					
281	Sculeria sec	1499857	1004103					
281	Sculeria sec	80015366	Tres					
281	Sculeria sec	32605132	Freza					
281	Sculeria sec	1221772	1000392					
281	Sculeria sec	92600600	Cutit					
281	Sculeria sec	32635113	Freza					
281	Sculeria sec	31512	1002786					
281	Sculeria sec	32609237	Burj					
281	Sculeria sec	1497413	1004089					
281	Sculeria sec	1394495	1000912					
281	Sculeria sec	38407844	Com					
281	Sculeria sec	1224504	65601212					
281	Sculeria sec	38208700	Palan					
281	Sculeria sec	38307917	Termoc					
281	Sculeria sec	3262610	Burj					
281	Sculeria sec	25557	1003085					
281	Sculeria sec	32675213	Tarod					
281	Sculeria sec	32626602	Freza					
281	Sculeria sec	1261470	32767927					
281	Sculeria sec	32624194	Freza					
281	Sculeria sec	50478	1002893					

Selected: 0 [2,18] User name: ionescu.dragos281

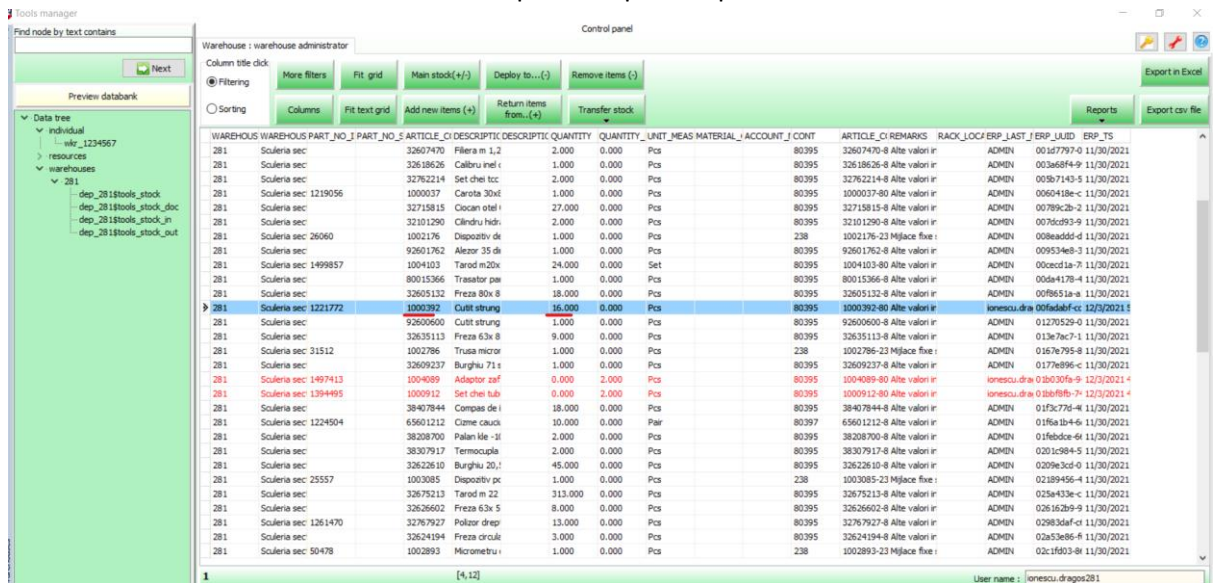
Am ales un articol si confirmarea selectie se va face prin apasarea butonului Send to db

This screenshot shows the same software interface as above, but with the 'Send to db' button highlighted in the bottom right corner of the detailed view. The 'Selected' count is still 0, and the user name is 'ionescu.dragos281'.

Tranzactia este executata si apare in tabelul de intrari

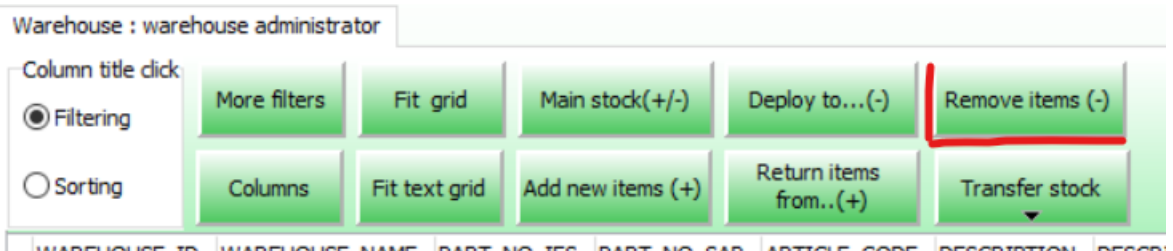


Stocul curent este actualizat si articolul respective apare disponibil la raft.



5. Eliberare stoc.

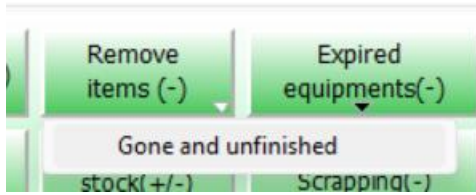
Userul selecteaza articolele din tabelul de stock inainte de actiune.



Apasa butonul Remove items(-)

In ferestra afisata userul alege motivul eliberarii din stoc si cantitate.

Eliberare din stock de la muncitori plecati fara lichidare



Lichidare doar toate articolele

The screenshot shows the 'Warehouse administrator' interface. On the left is a 'Data tree' with a 'Warehouses' folder expanded to show various stock locations. The main area displays a list of items with columns for Warehouse ID, Warehouse Name, Part No, Part Name, and Article Code. A detailed view of a selected item is shown in the center, including fields for Name, Mark, Registr, Warehouse, Cont, Part No, Article Code, Description, and Quantity. On the right, there are summary statistics for 'QUANTITY_TOTAL' and 'UNIT_MEASURE'. At the bottom, there are status messages and a 'Send to the database' button.

6. Transfer stoc

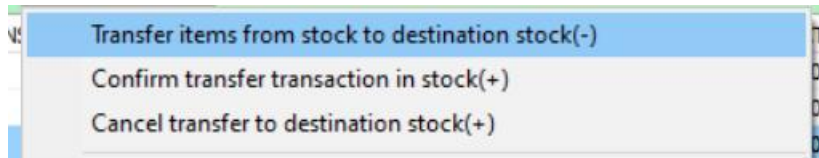
Exista posibilitatea de a transfera articolele intre depozite , sau a transfera muncitori(distributie) intre depozite.

The screenshot shows the 'Warehouse administrator' interface with the 'Transfer stock' button highlighted. A dropdown menu is open, listing several options for transferring items between stock locations. The menu options are:

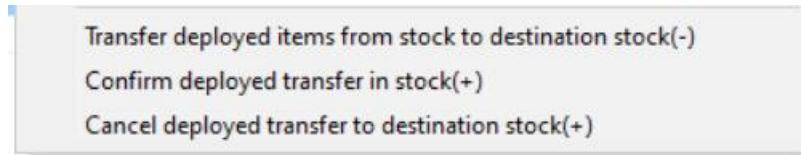
- Transfer items from stock to destination stock(-)
- Confirm transfer transaction in stock(+)
- Cancel transfer to destination stock(+)
- Transfer deployed items from stock to destination stock(-)
- Confirm deployed transfer in stock(+)
- Cancel deployed transfer to destination stock(+)

The background shows a table with columns: WAREH, WAREH, PART_N, PART_N, ARTICL, DESCRII, DESCRII, QUANTI, UNIT_M, ACCOLII, TRAN. The table contains several rows of data, with the third row highlighted.

Actiuni de transfer intre stocuri



Actiuni de transfer distributie



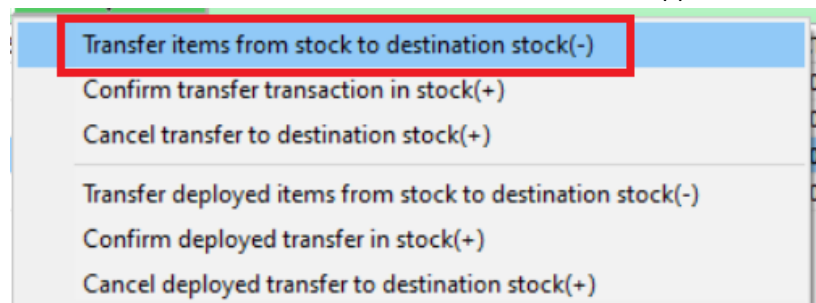
Modul de trzactionare este urmatorul:

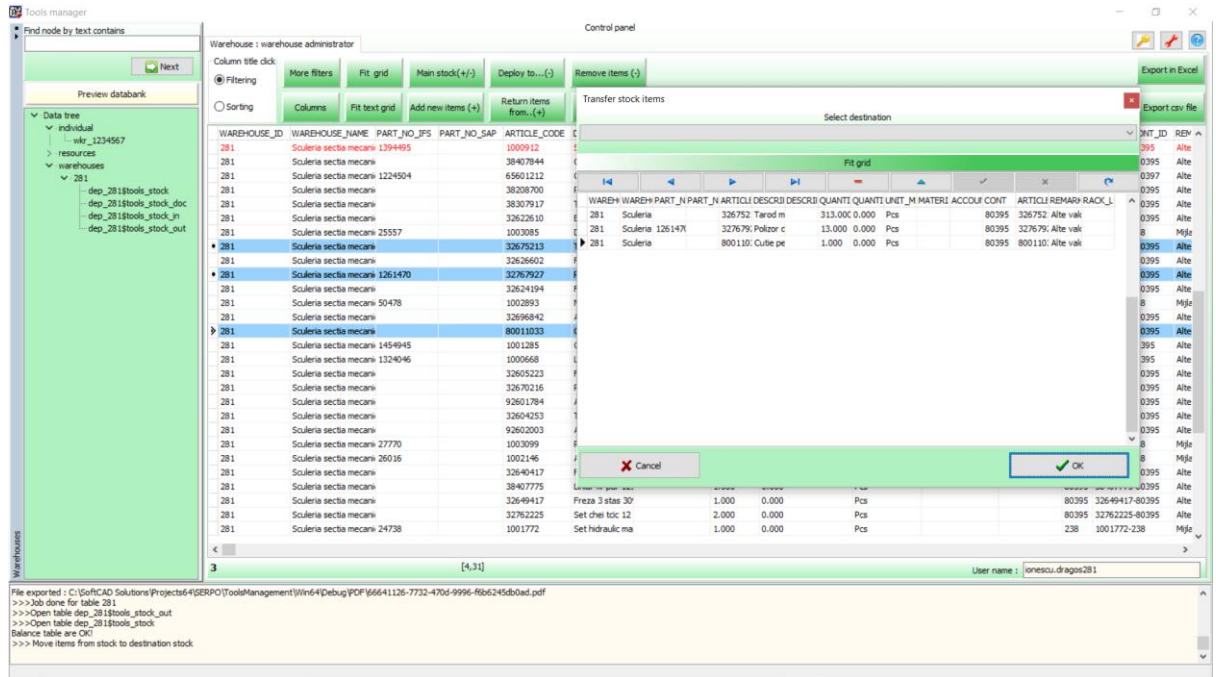
Se presupune ca exista comunicare intre administrator depozite pentru a nu initia tranzactii la intamplare , iar tranzactia foloseste ca idee blockchain intre cei doi, adica:

- a. Gestionarul care trimite articole initiaza tranzactia catre depozitul destinatar , aceasta va avea urmatoarele efecte: se va genera un tabel cu articolele transferate va actualiza stocul curent si va inregistra tranzactia in fisierul de iesiri. Acest tabel se va regasi intr-o forma similara(tabel de intrari) si in depozitul destinatarului.
- b. Gestionarul care trimite ,cel care a initiat tranzactia este si singurul care o poate anula
- c. Gestionarul care primeste articolele trebuie sa le confirme pe toate altfel tranzactia nu se poate finaliza.
- d. Daca in perioada transferului de articole se intampla ceva neprevazut , se pierd pe drum articole etc..., nu ajung toate la destinatie , atunci cei doi trebuie sa comunice si cel care a initiat tranzactia sa o anuleze si procesul se poate repeat.
- e. Cand gestionarul care primeste articolele confirma tranzactia , articole vor aparea in tabelul lui de intrari si stocul destinatarului va fi actualizat. Cele 2 tabele generate in timpul tranzactie pentru control tranzactie vor fi sterse de aplicatie.

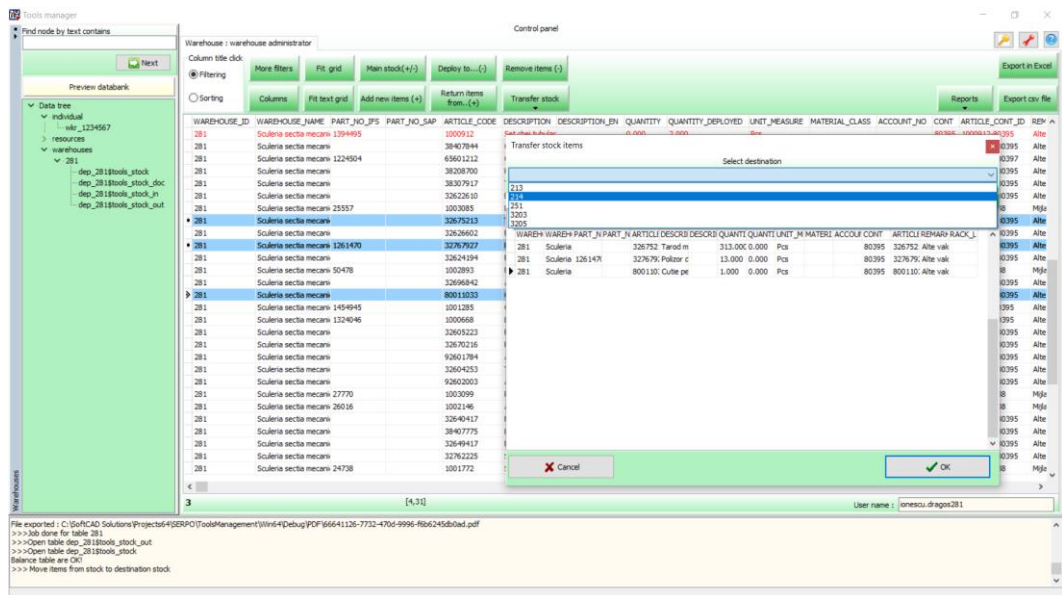
Mai jos un exemplu de mod de lucru la transfer stoc.

Se selecteaza inainte de actiune articolele care se doresc transferate si apasa apoi butonul Transfer items from stock to destination stock(-)

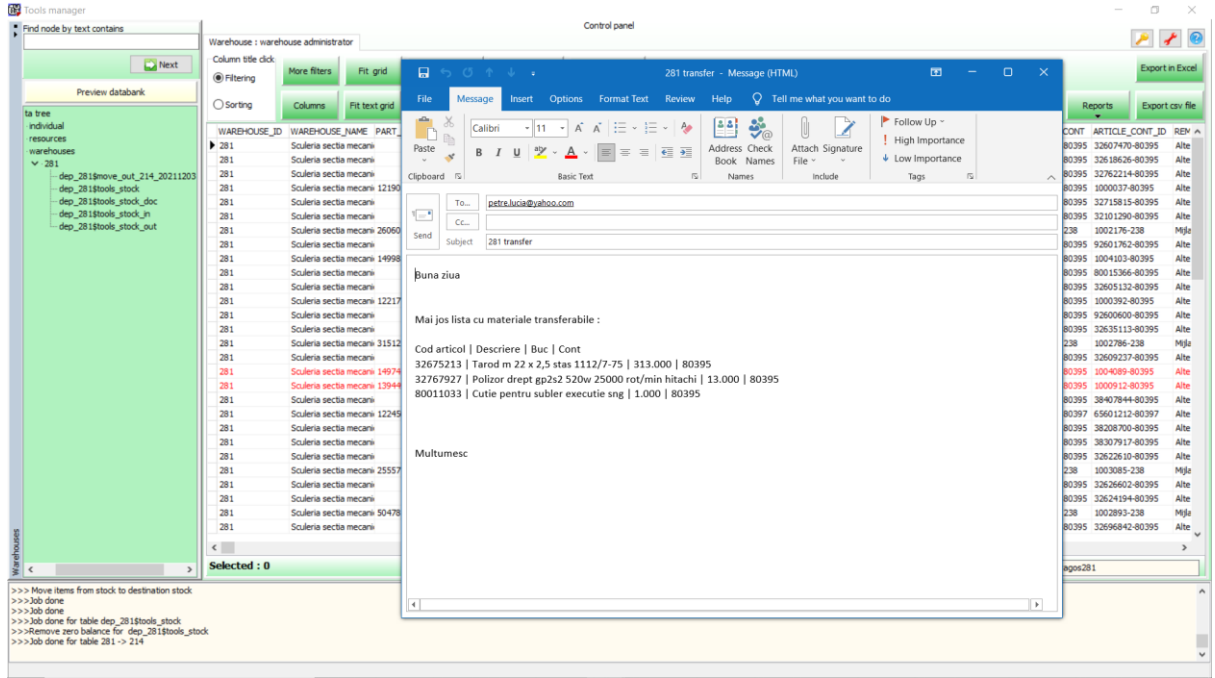




Userul poate edita cantitatile dorite si trebuie sa alege depozitul destinat din combobox.

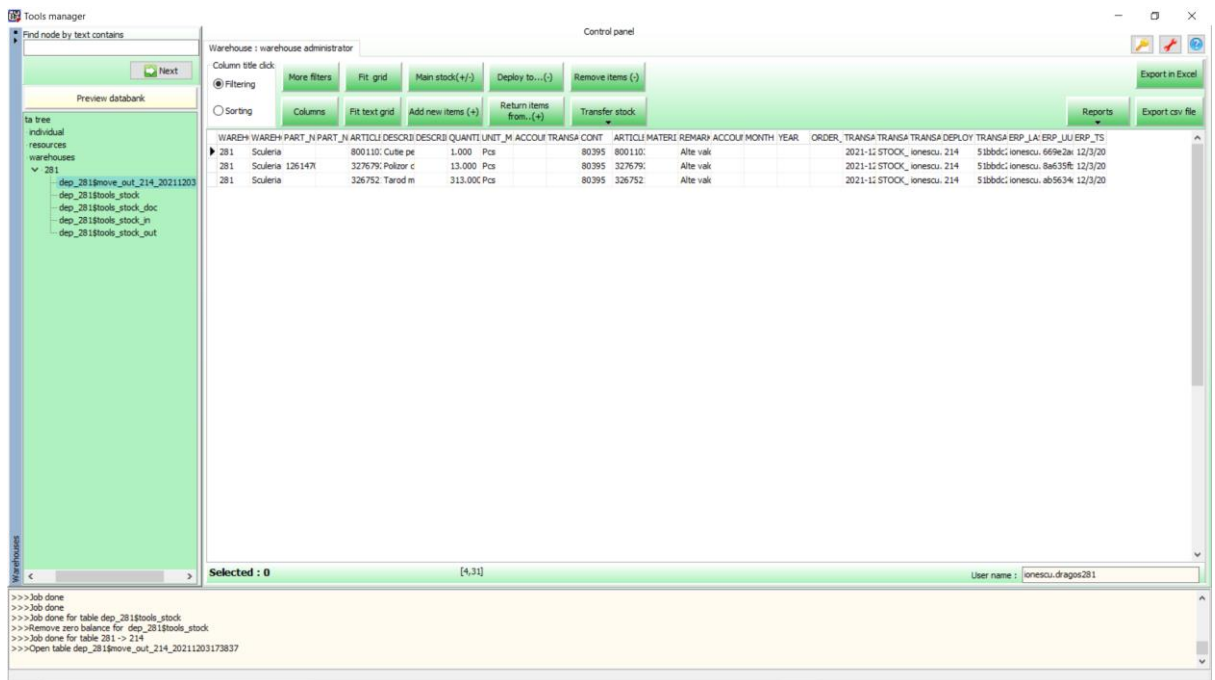


Confirmarea selectiei se face prin butonul Ok, iar aplicatia va genera automat un e-mail de notificare pentru destinatar si de asemenea va actualiza stocul curent si va crea tabelul de transfer.

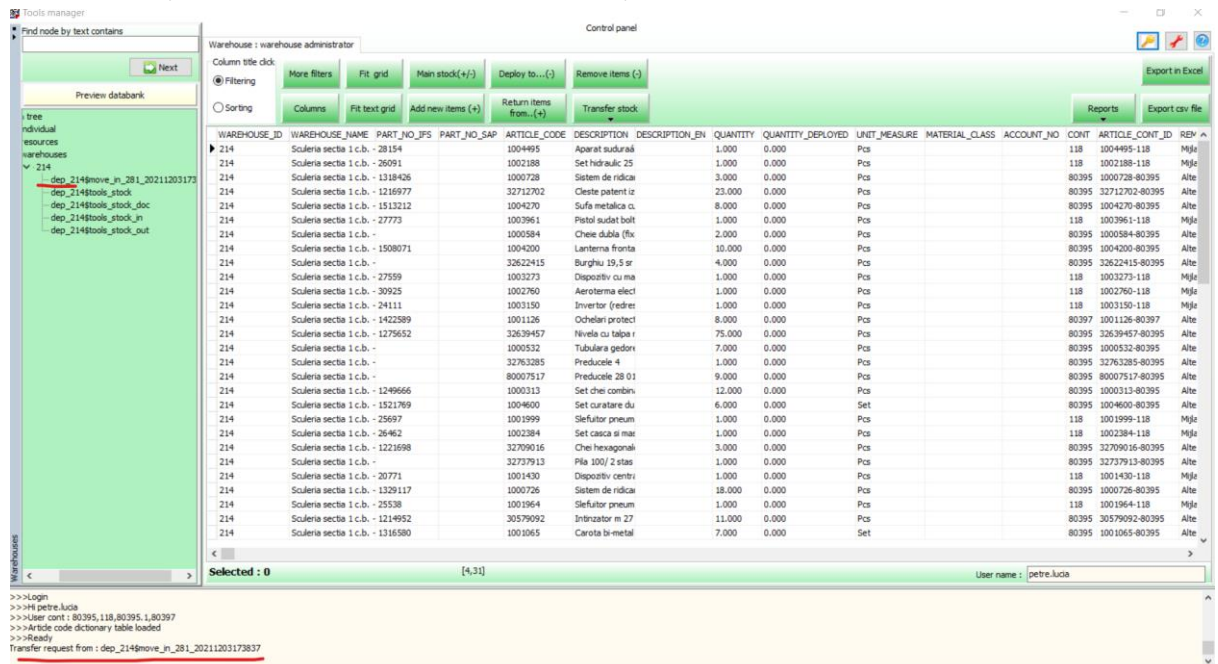


Practic aplicatia executa o iesire din stoc , iar tabelul de transfer generat este pentru ca userul sa detina temporar un tabel cu articolele transferate.

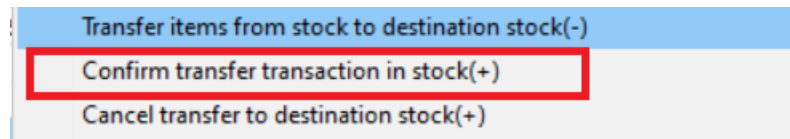
Tabelul de transfer de la sursa



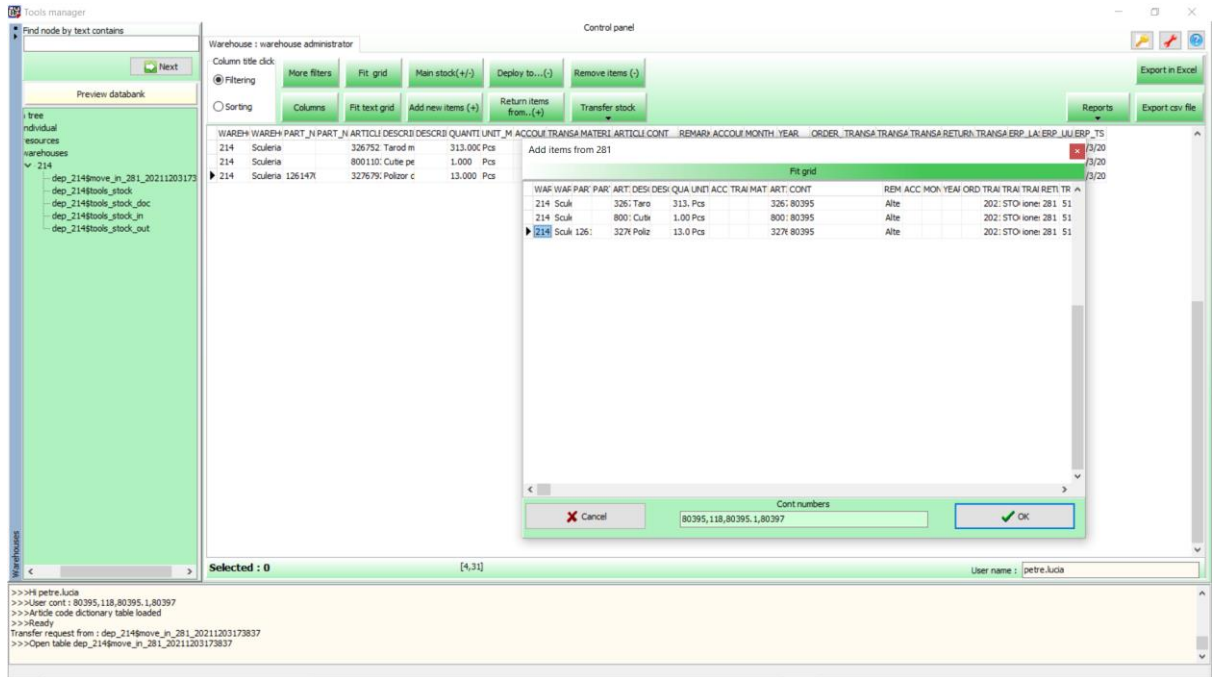
La destinatie , userul va fi notificat si sonor si visual , si e-mail



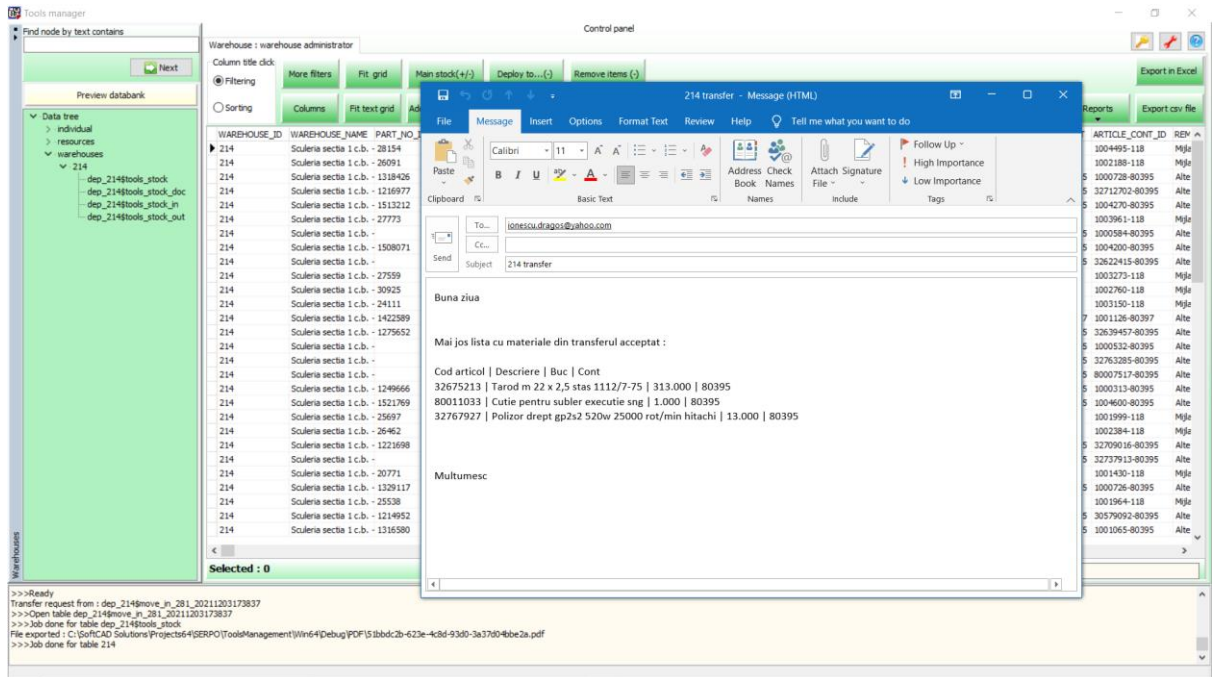
Acesta trebuie sa vizualizez tabelul de transfer si alege actiunea de confirmare. Daca nu doreste sa confirme atunci discuta(reply e-mail) cu sursa sa anuleze transferul.



In fereastra afisat userul poate doar sa modifice cont-ul si daca este in regula confirma tranzactia prin apasarea butonului OK

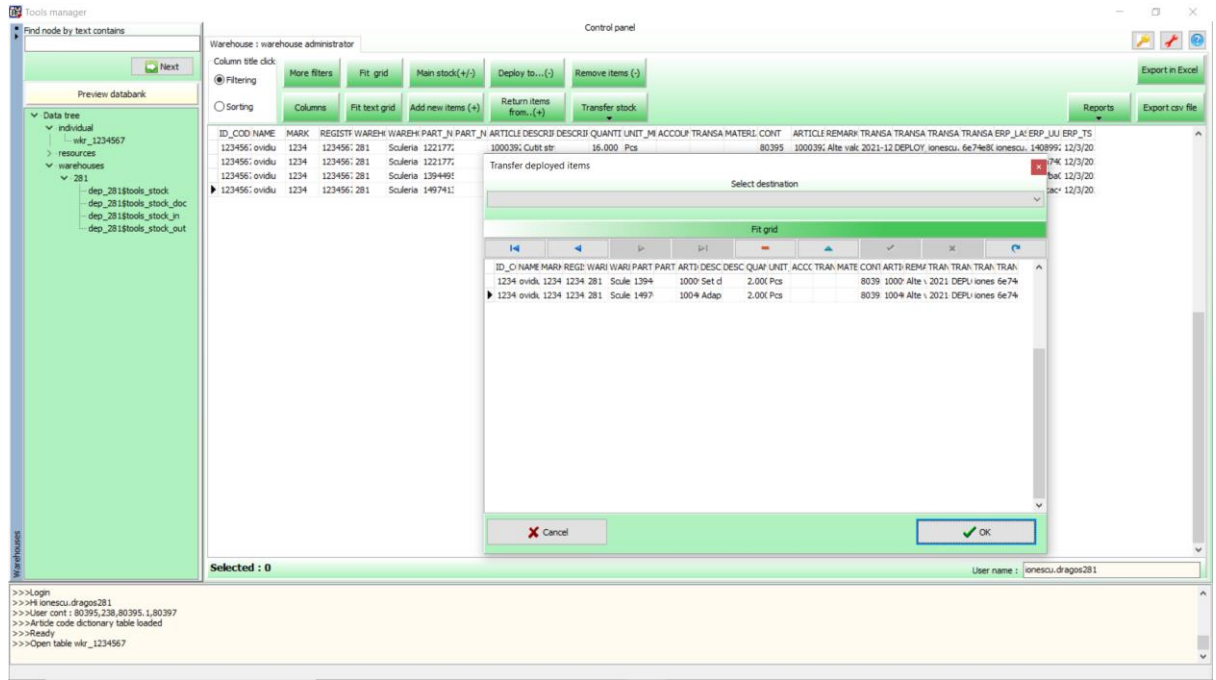


Aplicatia va finaliza tranzactia si va genera un e-mail de confirmare catre sursa a tranzactiei.

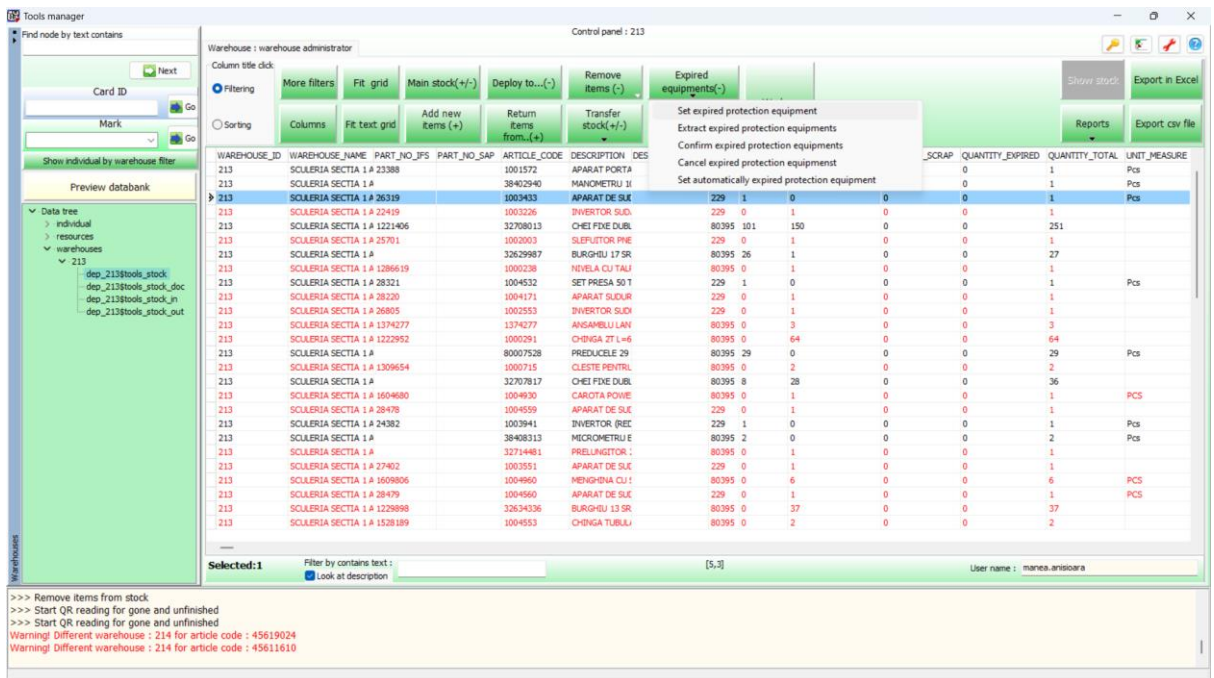


Ambele tabele de tranzactie vor fi sterse de aplicatie la finalizare.

Similare sunt actiunile pentru transfer articole din tabelul individual muncitor.



7. Echipamente de protectie expirate , procedura in 3 pasi



8.

9. Deseuri si articole expirate, procedura in 3 pasi

The screenshot shows the Warehouse Administrator interface. A table lists various items with columns for Warehouse ID, Warehouse Name, Part No, Part No SAP, Article Code, Description, Description EN, Quantity, Quantity Expired, and Unit Measure. A 'Scraping proposal' dialog box is open, showing 'Scraping confirmation' and 'Cancel scraping' options. The table data includes items like 'APARAT DE SUE', 'INVERTOR SUB.', 'CHEI FIDE DUBL', etc.

WAREHOUSE_ID	WAREHOUSE_NAME	PART_NO	PART_NO_SAP	ARTICLE_CODE	DESCRIPTION	DESCRIPTION_EN	CONT	Y_DEPLOYED	QUANTITY_SCRAP	QUANTITY_EXPIRED	QUANTITY_TOTAL	UNIT_MEASURE
213	SOLERIA SECTIA 1 A 23388			1001572	APARAT PORTA	MANOMETRU II	229	0	0	0	1	Pcs
213	SOLERIA SECTIA 1 A 26319			1003433	APARAT DE SUE	APARAT DE SUE	229	0	0	0	1	Pcs
213	SOLERIA SECTIA 1 A 22419			1003226	INVERTOR SUB.	INVERTOR SUB.	229	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 1221406			32708013	CHEI FIDE DUBL	CHEI FIDE DUBL	80395	101	150	0	251	Pcs
213	SOLERIA SECTIA 1 A 25701			1002003	SLEFUTOR PNE	SLEFUTOR PNE	229	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A			32629987	BURGHU 17 SR	BURGHU 17 SR	80395	26	1	0	27	Pcs
213	SOLERIA SECTIA 1 A 1286619			1000238	NEVELA CU TALJ	NEVELA CU TALJ	80395	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 28321			1004532	SET PRESA 50 T	SET PRESA 50 T	229	1	0	0	1	Pcs
213	SOLERIA SECTIA 1 A 28220			1004171	APARAT SUDUR	APARAT SUDUR	229	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 26805			1002553	INVERTOR SUDI	INVERTOR SUDI	229	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 1374277			1374277	ANSAMBLU LAN	ANSAMBLU LAN	80395	0	3	0	3	Pcs
213	SOLERIA SECTIA 1 A 1222952			1000291	CHINGA 2T L=6	CHINGA 2T L=6	80395	0	64	0	64	Pcs
213	SOLERIA SECTIA 1 A			80007528	PREDUCELE 29	PREDUCELE 29	80395	29	0	0	29	Pcs
213	SOLERIA SECTIA 1 A 1309654			1000715	CLESTE PENTRU	CLESTE PENTRU	80395	0	2	0	2	Pcs
213	SOLERIA SECTIA 1 A			32707817	CHEI FIDE DUBL	CHEI FIDE DUBL	80395	8	28	0	36	Pcs
213	SOLERIA SECTIA 1 A 1604680			1004930	CAROTA POINE	CAROTA POINE	80395	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 28478			1004559	APARAT DE SUE	APARAT DE SUE	229	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 24382			1003941	INVERTOR (REC	INVERTOR (REC	229	1	0	0	1	Pcs
213	SOLERIA SECTIA 1 A			38408313	MICROMETRU E	MICROMETRU E	80395	2	0	0	2	Pcs
213	SOLERIA SECTIA 1 A			32714481	PRELUNGITOR :	PRELUNGITOR :	80395	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 27402			1003551	APARAT DE SUE	APARAT DE SUE	229	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 1609806			1004960	MENGHINA CU :	MENGHINA CU :	80395	0	6	0	6	Pcs
213	SOLERIA SECTIA 1 A 28479			1004560	APARAT DE SUE	APARAT DE SUE	229	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 1229998			32634336	BURGHU 13 SR	BURGHU 13 SR	80395	0	37	0	37	Pcs
213	SOLERIA SECTIA 1 A 1528189			1004553	CHINGA TUBULI	CHINGA TUBULI	80395	0	2	0	2	Pcs

Selected: 1 Filter by contains text: [5,3] User name: mamea.ansoara

>>> Remove items from stock
 >>> Start QR reading for gone and unfinished
 >>> Start QR reading for gone and unfinished
 Warning! Different warehouse : 214 for article code : 45619024
 Warning! Different warehouse : 214 for article code : 45611610

10. Impunere plata munciilor si descarcare gestiune in 3 pasi

The screenshot shows the Warehouse Administrator interface. A table lists various items with columns for Warehouse ID, Warehouse Name, Part No, Part No SAP, Article Code, Description, Description EN, Quantity, Quantity Expired, and Unit Measure. A 'Worker tools payment proposal' dialog box is open, showing 'Payment confirmation', 'Cancel payment proposal', and 'Lost items from deployed' options. The table data includes items like 'APARAT PORTA', 'APARAT DE SUE', 'INVERTOR SUB.', etc.

WAREHOUSE_ID	WAREHOUSE_NAME	PART_NO	PART_NO_SAP	ARTICLE_CODE	DESCRIPTION	DESCRIPTION_EN	CONT	Worker tools payment proposal	QUANTITY_EXPIRED	QUANTITY_TOTAL	UNIT_MEASURE	
213	SOLERIA SECTIA 1 A 23388			1001572	APARAT PORTA	MANOMETRU II	229	0	0	1	Pcs	
213	SOLERIA SECTIA 1 A 26319			1003433	APARAT DE SUE	APARAT DE SUE	229	0	0	1	Pcs	
213	SOLERIA SECTIA 1 A 22419			1003226	INVERTOR SUB.	INVERTOR SUB.	229	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 1221406			32708013	CHEI FIDE DUBL	CHEI FIDE DUBL	80395	101	150	0	251	Pcs
213	SOLERIA SECTIA 1 A 25701			1002003	SLEFUTOR PNE	SLEFUTOR PNE	229	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A			32629987	BURGHU 17 SR	BURGHU 17 SR	80395	26	1	0	27	Pcs
213	SOLERIA SECTIA 1 A 1286619			1000238	NEVELA CU TALJ	NEVELA CU TALJ	80395	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 28321			1004532	SET PRESA 50 T	SET PRESA 50 T	229	1	0	0	1	Pcs
213	SOLERIA SECTIA 1 A 28220			1004171	APARAT SUDUR	APARAT SUDUR	229	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 26805			1002553	INVERTOR SUDI	INVERTOR SUDI	229	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 1374277			1374277	ANSAMBLU LAN	ANSAMBLU LAN	80395	0	3	0	3	Pcs
213	SOLERIA SECTIA 1 A 1222952			1000291	CHINGA 2T L=6	CHINGA 2T L=6	80395	0	64	0	64	Pcs
213	SOLERIA SECTIA 1 A			80007528	PREDUCELE 29	PREDUCELE 29	80395	29	0	0	29	Pcs
213	SOLERIA SECTIA 1 A 1309654			1000715	CLESTE PENTRU	CLESTE PENTRU	80395	0	2	0	2	Pcs
213	SOLERIA SECTIA 1 A			32707817	CHEI FIDE DUBL	CHEI FIDE DUBL	80395	8	28	0	36	Pcs
213	SOLERIA SECTIA 1 A 1604680			1004930	CAROTA POINE	CAROTA POINE	80395	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 28478			1004559	APARAT DE SUE	APARAT DE SUE	229	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 24382			1003941	INVERTOR (REC	INVERTOR (REC	229	1	0	0	1	Pcs
213	SOLERIA SECTIA 1 A			38408313	MICROMETRU E	MICROMETRU E	80395	2	0	0	2	Pcs
213	SOLERIA SECTIA 1 A			32714481	PRELUNGITOR :	PRELUNGITOR :	80395	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 27402			1003551	APARAT DE SUE	APARAT DE SUE	229	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 1609806			1004960	MENGHINA CU :	MENGHINA CU :	80395	0	6	0	6	Pcs
213	SOLERIA SECTIA 1 A 28479			1004560	APARAT DE SUE	APARAT DE SUE	229	0	1	0	1	Pcs
213	SOLERIA SECTIA 1 A 1229998			32634336	BURGHU 13 SR	BURGHU 13 SR	80395	0	37	0	37	Pcs
213	SOLERIA SECTIA 1 A 1528189			1004553	CHINGA TUBULI	CHINGA TUBULI	80395	0	2	0	2	Pcs

Selected: 1 Filter by contains text: [5,3] User name: mamea.ansoara

>>> Remove items from stock
 >>> Start QR reading for gone and unfinished
 >>> Start QR reading for gone and unfinished
 Warning! Different warehouse : 214 for article code : 45619024
 Warning! Different warehouse : 214 for article code : 45611610

In PopUp Menu grid sunt functii ajutatoare.

MANOMETRU 1(80395	1	0	0
APAR			0	0
INVEF			1	0
CHEI		01	150	0
SLEFU			1	0
BURG		5	1	0
NIVEL			1	0
SET P			0	0
APAR			1	0
INVEF			1	0
ANSA			3	0
CHIN			64	0
PRED				
CLEST				
CHEI FIXE DUBL	80395			
CAROTA POWE	80395			
APARAT DE SUC	229	0	1	0

Si in PopUp Menu tree sunt functii ajutatoare

	213
	213
	213
	3
	3
	3
	3
	3
	3
	3
	213

Rapoarte

Balanta exportata in Excel

Tools manager

Warehouse : warehouse administrator

Control panel

Column title click: More filters, Fit grid, Main stock(+/-), Deploy to...(-), Remove items (-)

Filtering: Columns, Fit text grid, Add new items (+), Return items from...(+), Transfer stock

WAREHOUSE_ID	WAREHOUSE_NAME	PART_NO_IPS	PART_NO_SAP	ARTICLE_CODE	DESCRIPTION	DESCRIPTION_EN	QUANTITY	QUANTITY_DEPLOYED	UNIT_MEASURE	MATERIAL_CLASS	ACQ	Balance
281	Sculeria sectia mecani			32607470	Filera m 1,2x 0,		2.000	0.000	Pcs			80395 32607470-80395
281	Sculeria sectia mecani			32618626	Calbru inel cu fi		1.000	0.000	Pcs			80395 32618626-80395
281	Sculeria sectia mecani	1219056		32762214	Set chei tuc 26		2.000	0.000	Pcs			80395 32762214-80395
281	Sculeria sectia mecani			1000037	Carota 30x86 o		1.000	0.000	Pcs			80395 1000037-80395
281	Sculeria sectia mecani			32715815	Cocan otet 0,8x		27.000	0.000	Pcs			80395 32715815-80395
281	Sculeria sectia mecani	26060		32101290	Cilindru hidraulic		2.000	0.000	Pcs			80395 32101290-80395
281	Sculeria sectia mecani			1002176	Dispozitiv de str		1.000	0.000	Pcs			238 1002176-238
281	Sculeria sectia mecani			92601762	Alezor 35 dn 2C		1.000	0.000	Pcs			80395 92601762-80395
281	Sculeria sectia mecani	1499857		1004103	Tarod m20x2,5		24.000	0.000	Set			80395 1004103-80395
281	Sculeria sectia mecani			80015366	Trasator paralel		1.000	0.000	Pcs			80395 80015366-80395
281	Sculeria sectia mecani			32605132	Freza 80x 8 sta		18.000	0.000	Pcs			80395 32605132-80395
281	Sculeria sectia mecani	1221772		1000392	Cuitt string sL1		16.000	0.000	Pair			80395 1000392-80395
281	Sculeria sectia mecani			92600600	Cuitt string 3D		1.000	0.000	Pcs			80395 92600600-80395
281	Sculeria sectia mecani			32635113	Freza 63x 8 sta		9.000	0.000	Pcs			80395 32635113-80395
281	Sculeria sectia mecani	31512		1002786	Trusa micrometr		1.000	0.000	Pcs			238 1002786-238
281	Sculeria sectia mecani			32609237	Burghiu 71 sr 5		1.000	0.000	Pcs			80395 32609237-80395
281	Sculeria sectia mecani	1497413		1004089	Adaptor zaaf 00		0.000	2.000	Pcs			80395 1004089-80395
281	Sculeria sectia mecani	1394495		1000912	Set chei tubular		0.000	2.000	Pcs			80395 1000912-80395
281	Sculeria sectia mecani			38407844	Compas de inite		18.000	0.000	Pcs			80395 38407844-80395
281	Sculeria sectia mecani	1224504		65601212	Cime coaxial p		10.000	0.000	Pair			80397 65601212-80397
281	Sculeria sectia mecani			38208700	Palan file -1000		2.000	0.000	Pcs			80395 38208700-80395
281	Sculeria sectia mecani			38307917	Termocucula cor		2.000	0.000	Pcs			80395 38307917-80395
281	Sculeria sectia mecani			32622610	Burghiu 20,5 sr		45.000	0.000	Pcs			80395 32622610-80395
281	Sculeria sectia mecani	25557		1003085	Dispozitiv portal		1.000	0.000	Pcs			238 1003085-238
281	Sculeria sectia mecani			32675213	Tarod m 22 x 2,		313.000	0.000	Pcs			80395 32675213-80395
281	Sculeria sectia mecani			32626602	Freza 63x 5 sta		8.000	0.000	Pcs			80395 32626602-80395
281	Sculeria sectia mecani	1261470		32767927	Polizor drept ap		13.000	0.000	Pcs			80395 32767927-80395
281	Sculeria sectia mecani			32624194	Freza circulara !		3.000	0.000	Pcs			80395 32624194-80395

Selected : 0 [20,3] User name : ionescu.dragos281

```

>>>Remove zero balance for dep_281$tools_stock
File exported to : C:\SoftCAD Solutions\Projects64\ERPPO\ToolsManagement\Win4\Debug\PDF\66641126-7732-470d-9996-f6b6245db0ad.pdf
>>>Job done for table 281
>>>Open table dep_281$tools_stock_out
>>>Open table dep_281$tools_stock
Balance table are OK!
    
```

Se alege perioada , inclusive zilele selectate(1-31 Octombrie)

Tools manager

Warehouse : warehouse administrator

Control panel

Column title click: More filters, Fit grid, Main stock(+/-), Deploy to...(-), Remove items (-)

Filtering: Columns, Fit text grid, Add new items (+), Return items from...(+), Transfer stock

WAREHOUSE	WAREHOUSE	PART_NO_I	PART_NO_S	ARTICLE_CODE	DESCRIPTION	DESCRIPTION_EN	QUANTITY	QUANTITY_DEPLOYED	UNIT_MEASURE	MATERIAL_CLASS	ACCOUNT	CONT	ARTICLE_CODE	REMARKS	RACK_LOCA	ERP_LAST_J	ERP_LIQU	ERP_TS
281	Sculeria sec			32607470	Filera m 1,2		2.000	0.000	Pcs		80395		32607470-8	Alte	valori in	ADMMN	001d7797-0	11/30/2021
281	Sculeria sec			32618626	Calbru inel i		1.000	0.000	Pcs		80395		32618626-8	Alte	valori in	ADMMN	003a68f4-9	11/30/2021
281	Sculeria sec			3	Choose date													
281	Sculeria sec			3	October 2021													
281	Sculeria sec			3	October 2021													
281	Sculeria sec			3	26 27 28 29 30 1 2													
281	Sculeria sec			3	3 4 5 6 7 8 9													
281	Sculeria sec			3	10 11 12 13 14 15 16													
281	Sculeria sec			3	17 18 19 20 21 22 23													
281	Sculeria sec			3	24 25 26 27 28 29 30													
281	Sculeria sec			3	31 1 2 3 4 5 6													

Selected : 0 User name : ionescu.dragos281

```

>>>H4 ionescu.dragos281
>>>User cont : 80395,238,80395,1,80397
>>>Article code dictionary table loaded
>>>Ready
>>>Open table wkr_1234567
>>>Open table dep_281$tools_stock
    
```

In raportul generat , ce este galben reprezinta stoc-ul pana la data selectata , verde reprezinta intrari si iesiri in perioada selectata , iar portocaliu reprezinta situatia actuala in stoc la finalul perioadei.

Warehouse : warehouse administrator

Column title click: More filters, Fit grid, Main stock(+/-), Deploy to...(-), Remove items (-), Export in Excel

Sorting: Columns, Fit text grid, Add new items (+), Return items from...(+), Transfer stock, Reports, Export csv file

ID_CODE	NAME	MARK	REGIST	WAREH	WAREH PART_N	PART_N	ARTICLE	DESCRI	DESCRI	QUANTI	UNIT	M	ACCOLP	TRANSA	MATERI	CONT	ARTICLE	REMARK	TRANSA	TRANSA	TRANSA	TRANSA	ERP_LAI	ERP_LJU	ERP_TS
123456	ovidu	1234	123456	281	Sculeria	122177	100039	Cutit str		16.000	Pcs					80395	100039	Alte val:	2021-12	DEPLOY	ionescu	6e7a6f	ionescu	140899	12/3/20
123456	ovidu	1234	123456	281	Sculeria	122177	100039	Cutit str		-16.000	Pcs					80395	100039	Alte val:	2021-12	DEPLOY	ionescu	067a7f	ionescu	6e3a7e	12/3/20
123456	ovidu	1234	123456	281	Sculeria	129449	100091	Set chei		2.000	Pcs					80395	100091	Alte val:	2021-12	DEPLOY	ionescu	6e7a6f	ionescu	69a76e	12/3/20
123456	ovidu	1234	123456	281	Sculeria	149741	100408	Adaptor		2.000	Pcs					80395	100408	Alte val:	2021-12	DEPLOY	ionescu	6e7a6f	ionescu	edfcae	12/3/20

Confirm dialog: Balance table only for current user warehouse? Press Yes or press All for all warehouses. [Yes] [All]

Selected : 0

User name : ionescu.dragos281

```

>>>Open table wkr_1234567
>>>Open table dep_2818tools_stock
Start to make balance table for interval : 10/1/2021 -> 10/31/2021
Balance table created . Wait Excel to show data
>>>Open table wkr_1234567
Balance table created . Wait Excel to show data
    
```

Excel spreadsheet showing data table:

A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1	L1	M1	N1	O1	P1	Q1
Id_code	Name	Mark	Registratic Warehouse	Warehouse Part	Part No	Article Co	Descriptio	Descriptio	Quantity	Unit	meat	Value	Cont	Article Cont Id		
1234567	ovidu	1234	12345678	281	Sculeria se	1221772	1000392	Cutit strung st.6383 p	0	Pcs		0	80395	1000392-80395		
1234567	ovidu	1234	12345678	281	Sculeria se	1394495	1000912	Set chei tubulare 3/4	2	Pcs		2	80395	1000912-80395		
1234567	ovidu	1234	12345678	281	Sculeria se	1497413	1004089	Adaptor zaf 003	2	Pcs		2	80395	1004089-80395		

Excel interface includes: File, Home, Insert, Page Layout, Formulas, Data, Review, View, Help, Team, Tell me what you want to do, Share, Clipboard, Font, Alignment, Number, Styles, Cell, Delete, Format, Sort & Find & Filter & Select.

Sheet2 | Sheet1

```

>>>Open table dep_2818tools_stock
Start to make balance table for interval : 10/1/2021
Balance table created . Wait Excel to show data
>>>Open table wkr_1234567
Balance table created . Wait Excel to show data
    
```



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