

IMPLEMENTATION OF ERP SYSTEMS IN HIGHER EDUCATION CONTEXT: FUNCTIONALITIES AND CHARACTERISTICS

Authors:

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Ivana Perić

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15th International Scientific Conference WoodEMA 2022
CRISIS MANAGEMENT AND SAFETY FORESIGHT IN THE FOREST-BASED SECTOR AND
SMES OPERATING IN THE GLOBAL ENVIRONMENT

🏢 Employees are directly or indirectly involved in information processing



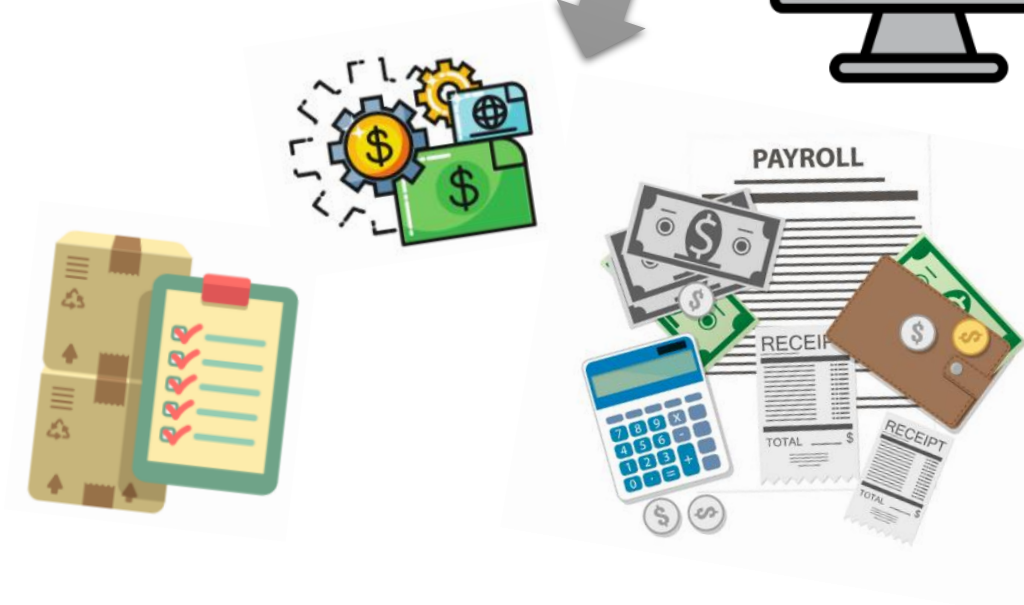
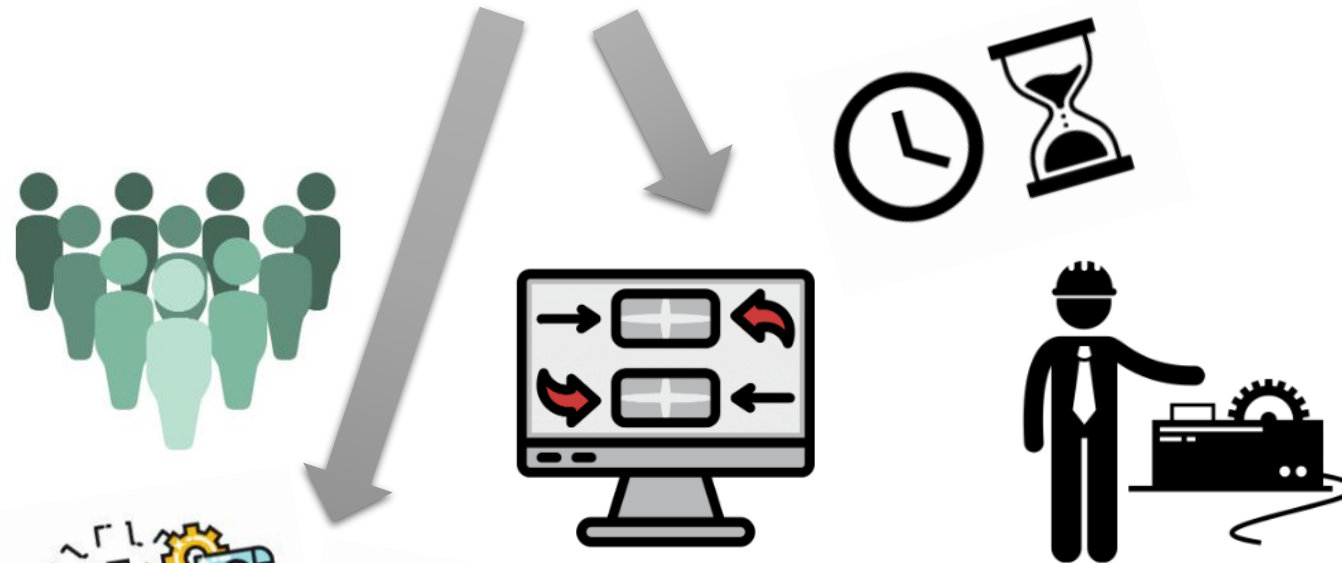
🏢 **DIGITALIZATION** = no longer need to create paper files and ring binders with a poor data overview

🏢 **Enterprise Resource Systems** - serves as an integrator of all company activities and departments


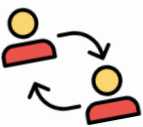




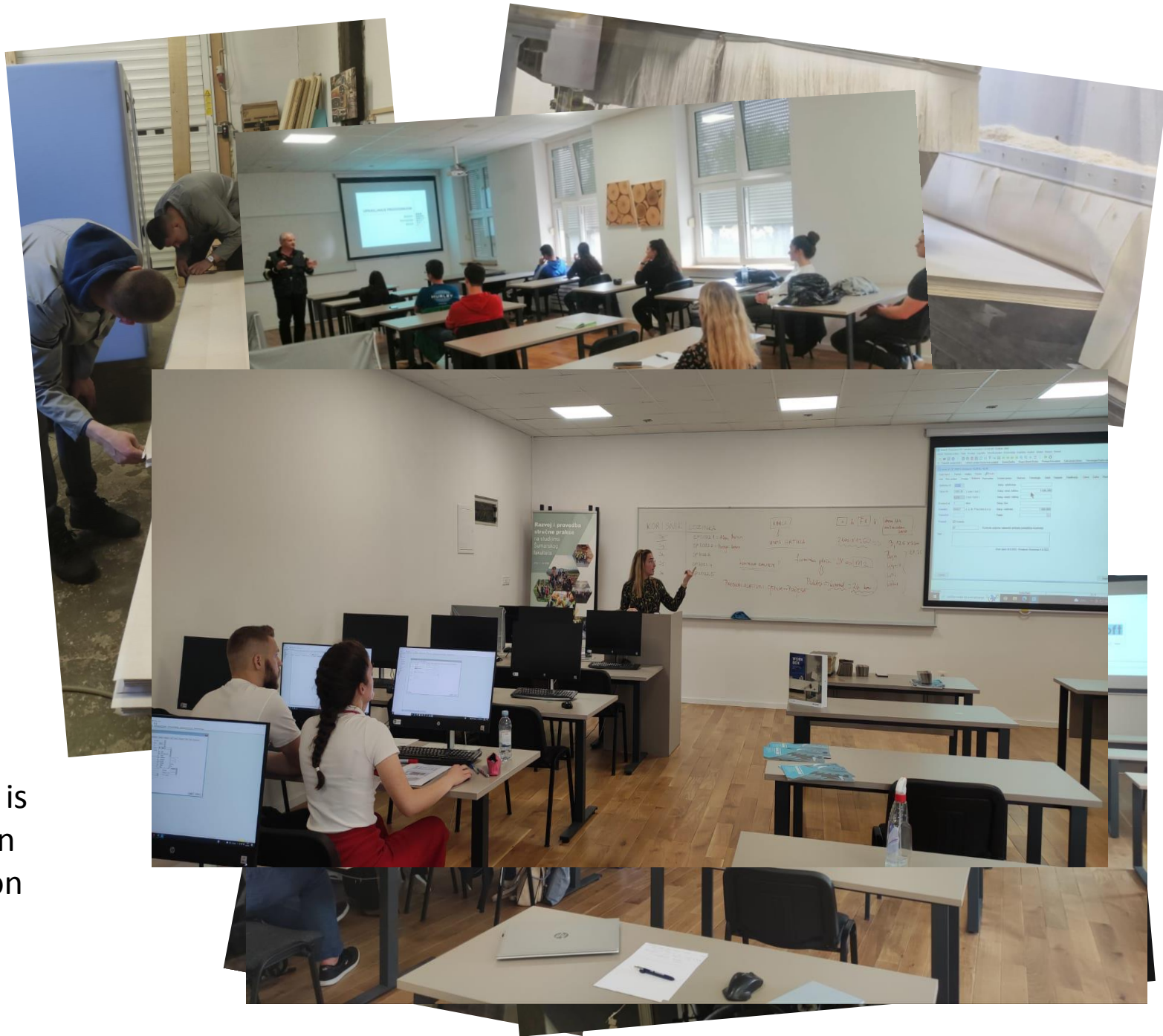
Implementation of ERP in the Republic of Croatia is partial.

Implementation requires the full elaboration of production.



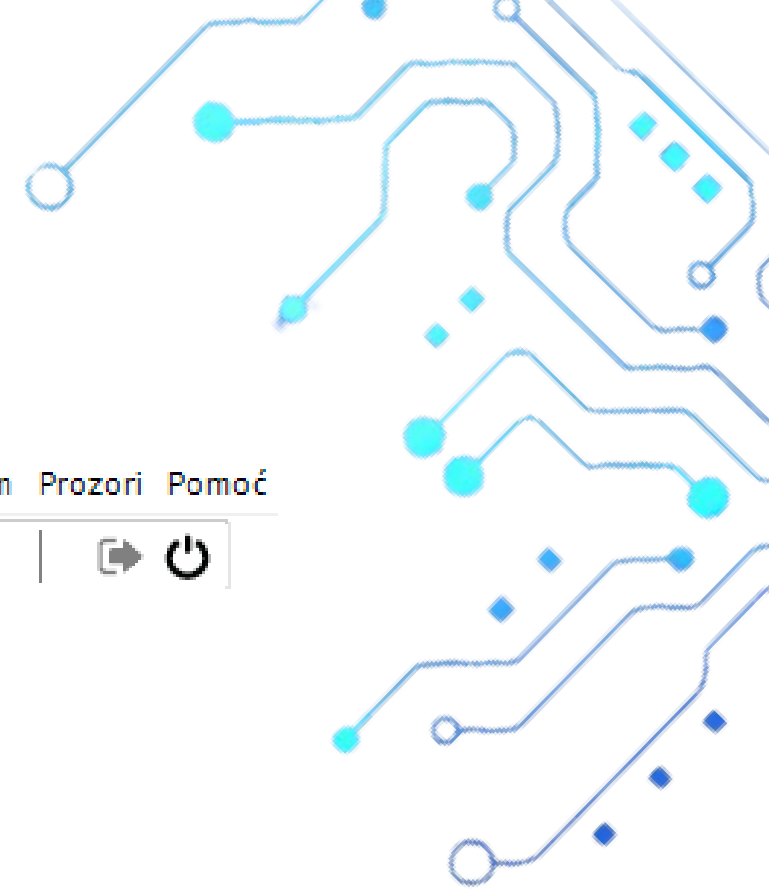
Development and implementation of professional practice at the Faculty of Forestry

-  Raise the quality of study by implementing professional practice in the mandatory study program.
-  Bring closer the cooperation of the Faculty of Forestry and Wood Technology with the wood industry.
-  Through a **carpentry practicum**, the student can simulate the production process of a small company.
-  With the help of an **ERP system** that is digitally applied for further education at the faculty, find better optimization and understand the system of production resources planning.



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ERP OF OUR INSTITUTE



Zapisi Računovodstvo Plaće Prodaja Logistika Tehnički podaci Proizvodnja Kvaliteta Analize Sistem Prozori Pomoć

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Prodaja	Doku	Skladiš	Artikli	Planiranje
	Plan	Nabav	Klasifikacija	Fino planiranje
	Zatva	Intrast	Crteži	Tehnički dokumenti
	Zatva	Razni c	Kalkulacije	Održavanje
	Cijen	Pakirar	Šifranti	Alati
	Poslo	Transp	Sastavnice pre	Matični list
	Artikli		Tehnologija	Režijski rad
	Pregledi - analize		Konfigurator	
	Razni dokumenti			
	Šifranti			

Logistika Tehnički podaci Proizvodnja

🔍 ☰ ☰ ☰ 🔁 ⏻





- Saleries
- Sales**
- Logistics
- Production
- System
- Help

GoSoft Poduzeće: 001 Fakultet šumarstva - Sumarski - Godina: 2021

Zapisi Računovodstvo Plaće Prodaja Logistika Tehnički podaci Proizvodnja Kvaliteta Analize Sistem Prozori Pomoć

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- Bookmarks
- Accounting
- Technological data
- Quality
- Analysis
- Interface display





Technological Data Modul



Students have the opportunity to learn how to define products and the most essential technology procedures of manufacture for every product they use or produce.



The basis for the system's business functions where the product is defined and developed.

Technological manufacturing procedures



Work places



Standard operations

Lista Operacija Klasifikacija Troškovi Upotreba operacije CRP Izvori Privitci

Stand. [] Klas: [] Tekst: [] Pročitaj

RM: [] Klas: [] Centar RM: [] Aktivni Obrade

Stand.Oper	Tekst operacije	RM	Naziv RM	Priv.r.upotrebe	Radnika	Strojeva	ijeme čekanja ulaz	ijeme čeka
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03
051 Artikl: 740283 STOLČIĆ 340x140x200mm
061
071

Analize Poruke Privitci

Lista Osn. podaci Prodaja Nabava **Proizvodnja** Dodatni podaci Struktura Tehnologija Crteži Varijante Klasifikacija **Cijene** Zaliha Planska kartica Strani nazivi Partneri

Cijene Povijest Količinske cijene **Troškovi** Troškovi RN Troškovi po identima

33 Kalkulativna cijena									
Trošak	Naziv	Cijena	Cij.p.	Cij.k.	Cijena za	Cijena p za	Cijena k za	Količina	JM
01	Materijal	109,11	0,00	109,11	109,11	0,00	109,11	1,000	KOM
02	Priprema	61,96	5,67	56,29	61,96	5,67	56,29	1,000	KOM
03	Izrada	37,66	8,83	28,83	37,66	8,83	28,83	1,000	KOM
		208,73	14,50	194,23	208,73	14,50	194,23		

111	BRAVARSKI RAD RUČNI	701	PREDMONTAŽA-PRIPREMA IS...	8000	1,000	1,000			
112	PILA STROJNA SP.315	140	PILA STROJNA	158	1,000	1,000			
114	SAVJANJE ZA OUNICA-CNC	340	SAVJACICA CJEVI PLAUNO	8140	1,000	1,000			
	=====								
	Savinuti cijev prema nacrtu.								
117	FORMIRANJE KRAJEVA CIJEVI	340	SAVJACICA CJEVI PLAUNO	8094	1,000	1,000			
	=====								

Defining the structure and technology of the product

the first step of production management has been completed

allows the production of the ordered product

Otpremnica: <AUTO> * Datum dokumenta: 2.6.2022. * Opis: Odg. osoba: Kremenjaš Karla * Slobodan 2.6.2022.

Narudžba kl: 22/00013 Datum otpreme: Partner: 000001 * Fakultet šum: Primatelj: OPO16 Tel. +385 1 2352411 dekanat@sumfak.unizg.hr
Narudžbenica: 0106 sa danom: Fax: www.sumfak.hr

Plaćanje: PREDRAČUN * Cjenik: 03 Pro
Dana za plać.: 20 * Valuta: HRK
Rok plaćanja: 22.6.2022. * Tečaj:

Fakultet šumarstva i drvne teh

Svetošimunska cesta 23, 10000 Zagreb, HRVATSKA

ID br. za PDV: 07699719217

Fakultet šumarstva i drvne teh
Svetošimunska cesta 23

10000 Zagreb

PRIMATELJ ROBE:
Test kupac_10

Partner: 000001
Tel./Fax: +385 1 2352411
VAT ID Nr: 07699719217
Transport: Personal
Payment: Profoma invoice
Order: 0206 Day: 1.6.2022.
Delivery: Personal transport
Date of delivery: 1.6.2022.
Paym. (days): 15
Paym. date: 16.6.2022.
Delivery note: NR1/22/00012

INVOICE: 22/00002

Zagreb, 1.6.2022.

Code	Description	Quantity	UNIT	Price	Amount
1. S_SP_13	TEST_Radionički stol_SP_2022	1	kpl	11.290,00	11.290,00
Total:					11.290,00
Total payment:					HRK 11.290,00

Prepared by:
Karla Kremenjaš

15. S_SP_13 stola.
TEST_Radionički stol_SP_2022

Karla Kremenjaš

Pročitaj

Obrade

dekanat@sumfak.unizg.hr
www.sumfak.hr

217

699719217

AČUN
dne: 2.6.2022.
prijevoz
vršene usluge: 2.6.2022.

22.

Amount

Težina	Količina JM
KG	1 kpl
0,000 KG	1,000 kpl

0,00

int

,75

,00

,16

9,13

4,78

3,91

What can students learn in this module?

Plan nabave RN: P008/22 P008/22-0395 B

Radni nalozi P008/22 P008/22-0051 LA 0006676 PHF 2 - PIGEON HOLE FRAME PIGEON HOLES FRAME TYPE 2 - Pigeon holes frame 2 x 4 x 6, aluminium structure with wood covering/bla

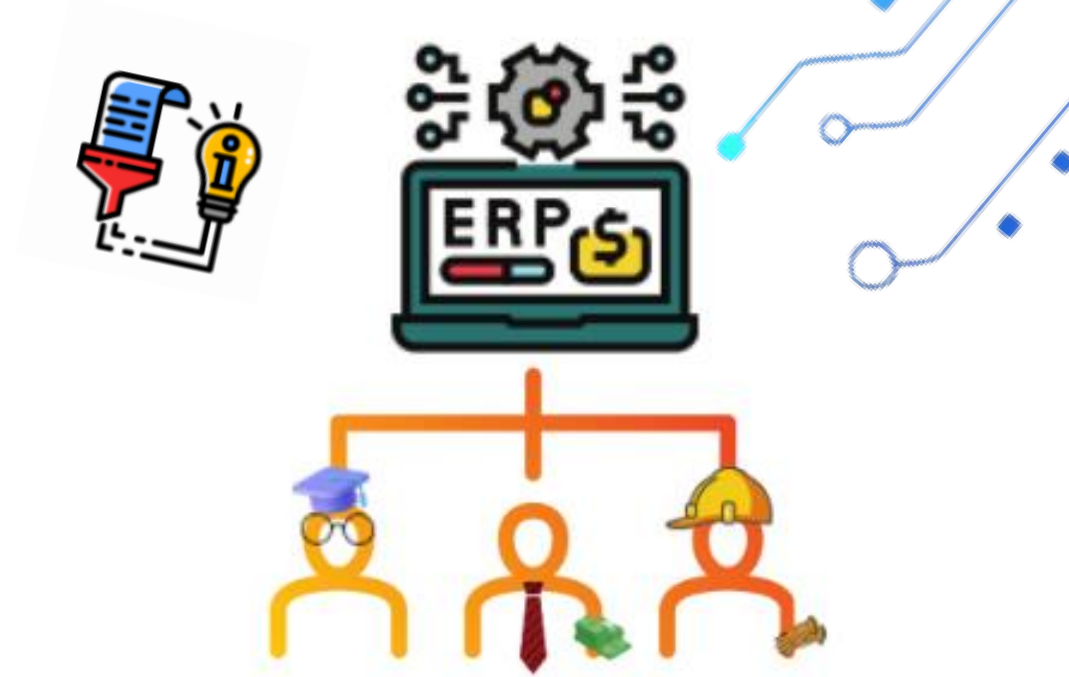
Lista RN Potrebe Tehnologija Poruke Serijske Dodatni podaci Pakiranje Analiza Privitci

UC: Ident: Termin: Početak PP LN Gant
Projekt: Klas: OD: 25.04.2022 PL LA Slike
RN: Naziv: DO: PF KO Samo GP

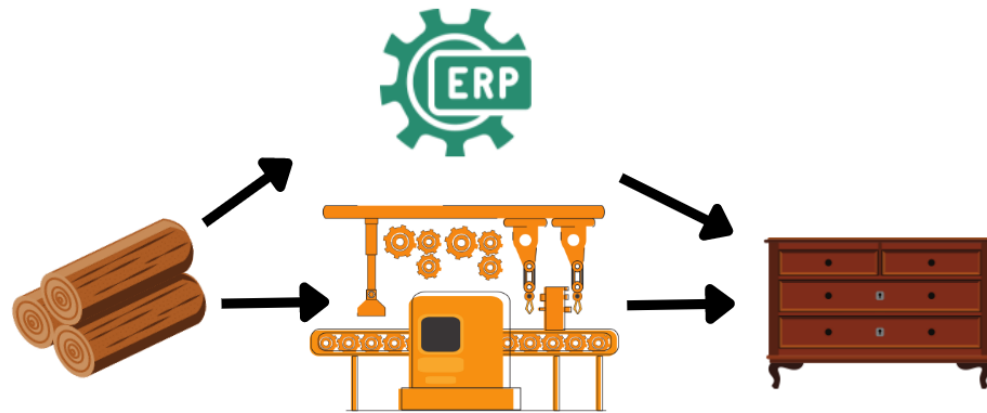
Pročitaj
Ibriade

Projekt	Status	RN	Ident	Naziv	Količina JM	Poč.	Kraj	Br dana UC	Datum lans.	RM	Kreirano	Promijenjeno	Teh. postupak	Partner	Izrađeno	Potvrđeno
P008/22	LA	P008/22-0049	0006674	DR 05 - HINGED DOOR	1,000 kom	29.04.2022	01.05.2022	+14 PROIZV	11.04.2022	STOS	01.04.2022 13:03:47	11.04.2022 12:14:20	Osnovna varijanta	002157	0,000	DA
P008/22	LA	P008/22-0051	0006676	PHF 2 - PIGEON HOLE FRAME	1,000 kom	29.04.2022	01.05.2022	+15 PROIZV	13.04.2022	STOS	01.04.2022 13:03:47	13.04.2022 12:28:18	Osnovna varijanta	002157	0,000	DA
P008/22	LA	P008/22-0054	0006679	MR FR BK - 92x235x6,5 cm	3,000 kom	29.04.2022	01.05.2022	+9 PROIZV	06.04.2022	STOS	01.04.2022 13:03:47	06.04.2022 10:09:05	Osnovna varijanta	002157	0,000	DA
P008/22	LN	P008/22-0055	0006680	MR FR BK - 136x235x6,5 cm	1,000 kom	29.04.2022	01.05.2022	+4 PROIZV	06.04.2022	STOS	01.04.2022 13:03:47	06.04.2022 10:17:38	Osnovna varijanta	002157	0,000	DA
P008/22	LA	P008/22-0056	0006681	FR BLK - 82x50x2 cm	3,000 kom	29.04.2022	01.05.2022	+6 PROIZV	13.04.2022	STOS	01.04.2022 13:03:47	13.04.2022 14:47:59	Osnovna varijanta	002157	0,000	DA
P008/22	LN	P008/22-0057	0006682	FR BLK ADA - 92x50x2 cm	1,000 kom	29.04.2022	01.05.2022	+4 PROIZV	13.04.2022	STOS	01.04.2022 13:03:47	13.04.2022 14:48:10	Osnovna varijanta	002157	0,000	DA
P008/22	LA	P008/22-0058	0006683	FR HG - 100x6x6 cm	4,000 kom	29.04.2022	01.05.2022	+14 PROIZV	08.04.2022	STOS	01.04.2022 13:03:47	08.04.2022 08:32:36	Osnovna varijanta	002157	0,000	DA
P008/22	LA	P008/22-0059	0006684	FR SD - 15,7x300x0,5 cm	8,000 kom	29.04.2022	01.05.2022	+9 PROIZV	15.04.2022	BRA	01.04.2022 13:03:47	15.04.2022 11:36:02	Osnovna varijanta	002157	0,000	DA
P008/22	LN	P008/22-0078	0006697	FACADE - 158x276x6,5 cm	2,000 kom	29.04.2022	01.05.2022	+4 PRJ		TU	01.04.2022 15:07:47			002157	0,000	
P008/22	LN	P008/22-0079	0005628	BACKSTRUCTURE	35,000 m	29.04.2022	01.05.2022	+4 PRJ		TU	01.04.2022 15:07:47			002157	0,000	
P008/22	LN	P008/22-0080	0006698	BL FACADE - 35x386 cm	1,000 kom	29.04.2022	01.05.2022	+4 PRJ		TU	01.04.2022 15:07:47			002157	0,000	
P008/22	LA	P008/22-0082	0006696	FACADE - 668x276x6,5 cm	1,000 kom	29.04.2022	01.05.2022	+9 PRJ	20.04.2022	TU	01.04.2022 15:07:47			002157	0,000	
P008/22	LN	P008/22-0083	0006666	MT BL FRAME - 106x295x6,5 cm	1,000 kom	29.04.2022	01.05.2022	+4 PRJ		TU	01.04.2022 15:07:47			002157	0,000	
P008/22	LA	P008/22-0084	0006685	CD - 390x110x93 cm	1,000 kom	29.04.2022	01.05.2022	+25 PRJ	04.04.2022	TU	01.04.2022 15:07:47		Osnovna varijanta	002157	0,000	
P008/22	KO	P008/22-0086	0006681	FR BLK - 82x50x2 cm	3,000 kom	29.04.2022	01.05.2022	+24 PRJ	05.04.2022	TU	01.04.2022 15:07:47	22.04.2022 10:38:40	Osnovna varijanta	002157	0,000	
P008/22	KO	P008/22-0088	0006684	FR SD - 15,7x300x0,5 cm	8,000 kom	29.04.2022	01.05.2022	+24 PRJ	05.04.2022	TU	01.04.2022 15:07:47	22.04.2022 10:38:40	Osnovna varijanta	002157	0,000	
P008/22	KO	P008/22-0089	0006687	RV - BLACK REVEAL	20,000 m	29.04.2022	01.05.2022	+4 PRJ	22.04.2022	TU	01.04.2022 15:07:47	22.04.2022 10:38:40	Osnovna varijanta	002157	0,000	
P008/22	KO	P008/22-0090	0000420	SK	90,000 m	29.04.2022	01.05.2022	+28 PRJ	01.04.2022	TU	01.04.2022 15:07:47	22.04.2022 10:38:40	Osnovna varijanta	002157	0,000	
P008/22	LN	P008/22-0095	0006699	BL FACADE - 92x386 cm	1,000 kom	29.04.2022	01.05.2022	+4 PRJ		TU	01.04.2022 15:07:47			002157	0,000	
P008/22	KO	P008/22-0096	0006212	UPFS V + L - -x50x8 cm	34,000 m	29.04.2022	01.05.2022	+17 PRJ	12.04.2022	TU	01.04.2022 15:07:47	22.04.2022 10:38:40	Osnovna varijanta	002157	0,000	
P008/22	LA	P008/22-0097	0006686	WR CM ST - 390x83x70 cm	1,000 kom	29.04.2022	01.05.2022	+25 PRJ	04.04.2022	TU	01.04.2022 15:07:47		Osnovna varijanta	002157	0,000	
P008/22	LA	P008/22-0098	0006690	PLATOFRM - 148x10x110 cm	1,000 kom	29.04.2022	01.05.2022	+23 PRJ	06.04.2022	TU	01.04.2022 15:07:47		Osnovna varijanta	002157	0,000	
P008/22	LN	P008/22-0099	0005812	WD01 PHF TSH 29,8x41,4x5 cm	18,000 kom	29.04.2022	01.05.2022	+4 PRJ		TU	01.04.2022 15:07:48		Osnovna varijanta	002157	0,000	
P008/22	KO	P008/22-0100	0006667	WC 02 - 127x300 cm	3,810 m2	29.04.2022	01.05.2022	+10 PRJ	19.04.2022	TU	01.04.2022 15:07:48	21.04.2022 11:50:54	Osnovna varijanta	002157	0,000	
P008/22	LA	P008/22-0104	0006691	AX - LETTER 424,8x272,3x4 cm	1,000 kom	29.04.2022	01.05.2022	+10 PRJ	19.04.2022	TU	01.04.2022 15:07:48		Osnovna varijanta	002157	0,000	
P008/22	LN	P008/22-0108	0006694	FACADE - 602x109x6,5 cm	1,000 kom	29.04.2022	01.05.2022	+4 PRJ		TU	01.04.2022 15:07:48			002157	0,000	
P008/22	LN	P008/22-0109	0006693	BL SIDE - SHOP WINDOW SIDES	9,840 m2	29.04.2022	01.05.2022	+4 PRJ		TU	01.04.2022 15:07:48		Osnovna varijanta	002157	0,000	
P008/22	LA	P008/22-0112	0006662	WD WTC - 84x275x30 cm	1,000 kom	29.04.2022	01.05.2022	+23 PRJ	06.04.2022	TU	01.04.2022 15:07:48		Osnovna varijanta	002157	0,000	
P008/22	LN	P008/22-0113	0006665	MT BL - 106x295x6,5 cm	14,980 kom	29.04.2022	01.05.2022	+4 PRJ		TU	01.04.2022 15:07:48		Osnovna varijanta	002157	0,000	
P008/22	KO	P008/22-0115	0006670	WC 02 - 104x300 cm	3,120 m2	29.04.2022	01.05.2022	+10 PRJ	19.04.2022	TU	01.04.2022 15:07:48	22.04.2022 10:38:40	Osnovna varijanta	002157	0,000	
P008/22	LA	P008/22-0117	0006689	PLATOFRM - 157x10x110 cm	1,000 kom	29.04.2022	01.05.2022	+23 PRJ	06.04.2022	TU	01.04.2022 15:07:48		Osnovna varijanta	002157	0,000	
P008/22	KO	P008/22-0118	0005823	WC 03 - WALL COVERING	44,800 m2	29.04.2022	01.05.2022	+17 PRJ	12.04.2022	TU	01.04.2022 15:07:48	22.04.2022 10:38:40	Osnovna varijanta	002157	0,000	
P008/22	LN	P008/22-0120	0006692	BL CLN - SHOPWINDOW CEILING	10,830 m2	29.04.2022	01.05.2022	+4 PRJ		TU	01.04.2022 15:07:48		Osnovna varijanta	002157	0,000	
P008/22	LN	P008/22-0126	0006675	PHF 1 - PIGEON HOLE FRAME	1,000 kom	29.04.2022	01.05.2022	+4 PRJ		TU	01.04.2022 15:07:48		Osnovna varijanta	002157	0,000	

Students can have insight into all the advantages and complexity of an ERP system.



Furthermore, acquiring the necessary digital competencies makes it easier for them to enter the labor market and widen their view of setting up and running their **own business**.



 At this point, there is **no better way** to plan production management.

Thank you for your attention!

Đakujem za tvoju pozornost!



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www.woodema.org

