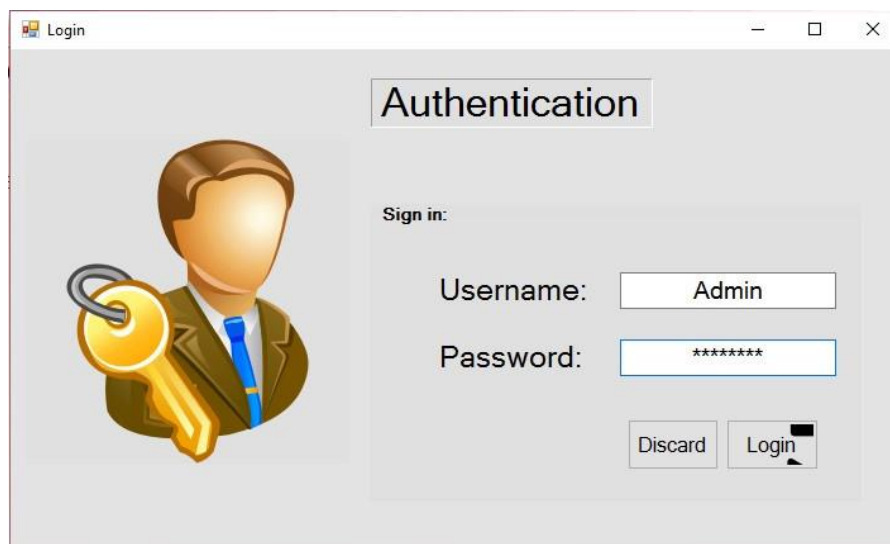


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1. User Documentation:

1.1. Authentication form:

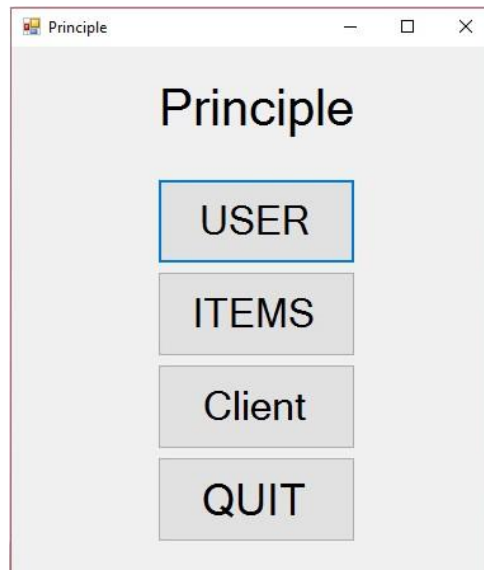
The image shows a screenshot of a Windows-style application window titled "Login". Inside the window, there is a section titled "Authentication". To the left of the form is an illustration of a man in a suit holding a large golden key. The "Sign in:" section contains two input fields: "Username:" with the text "Admin" and "Password:" with masked characters "*****". Below these fields are two buttons: "Discard" and "Login".

Legend 1. Main Form

For data security reason, the main form is served for authentication for both the administrator and the client (user), the administration has the full right and can manage

all the services offered by the application, user or client after log-in, he has just an access to the client components form .

1.2. Principle Form:



Legend 2. Principle form

The principle form contains four buttons:

- User
- Item
- Client and,
- Quit

User serves for user management, item serves for items management, client button is for client (user) services and quit is for leave the application.

1.3. User Management:

	id	id_user	name	surname	username	password	email	phone_num	type	
▶	1	2304	ali	bouzar	admin	password	alibouzar@foi.hr	09984848412	administrator	<input type="checkbox"/>
	4	1512	houa	Ti	user1	password1			user	<input type="checkbox"/>
	8	1111	name1	surname1	username1	pass1	email@email.com	0123457899	user	<input type="checkbox"/>
	12	2111	name2	surname2	user2	password2			user	<input type="checkbox"/>
	17	2999	name3	surname3	user3	password3	email3@emaioi.c...	02313415	user	<input type="checkbox"/>
*										<input type="checkbox"/>

Legend 3. User Management

- To Add a user you have to fill up the boxes in a row then click on (Add/Update), or to update also click on the same button.
- To delete a user just select a row by a click then press the (delete) button.
- To search for a user, choose search category then write in the box underneath of it, if the data exist it will show in a row(s) in the table.

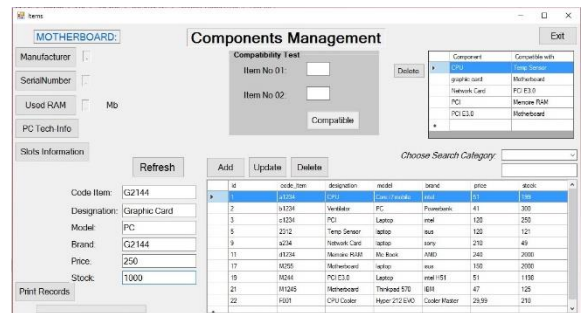
1.4. Components Management:

	id	code_item	designation	model	brand	price	stock
▶	1	a1234	CPU	Celeron / mobile	intel	51	159
	2	b1234	Ventilator	PC	Powertank	41	300
	3	c1234	PCI	Laptop	intel	120	250
	5	2312	Temp. Sensor	laptop	asus	120	121
	9	a234	Network Card	laptop	asus	210	49
	11	s1234	Memorie RAM	Mo Book	AMD	240	2000
	13	g2345	graphic card	laptop	microsoft	300	1229
	17	M255	Motherboard	laptop	asus	150	2000
	19	M244	PCI E3.0	Laptop	intel H51	51	1198
	21	M1245	Motherboard	Thinkpad 570	IBM	47	125
	22	P001	CPU Cooler	Lenovo 313 DVD	Cooler Master	19.99	315

Legend 4. Components Management

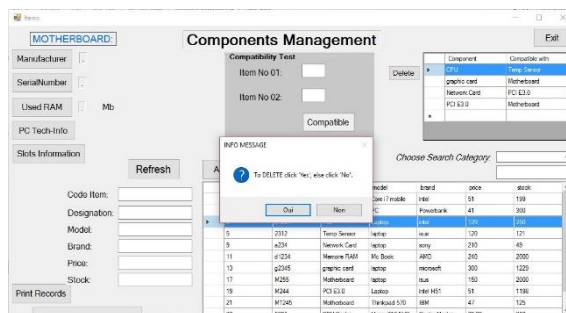
The components management offers many fonctionnalities to the administrator like adding, updayding, search and delete data from the component list from database,

print a list of components, and also insuring the compatibility between components. Add a component is simple as to fill up the details of a component in the boxes to the right side of the table then press (Add) button, search fonctionnality is the same as searching user from (User Management Form), the only new functionalities in components management compare to the user management are:



Legend 5. Add Items

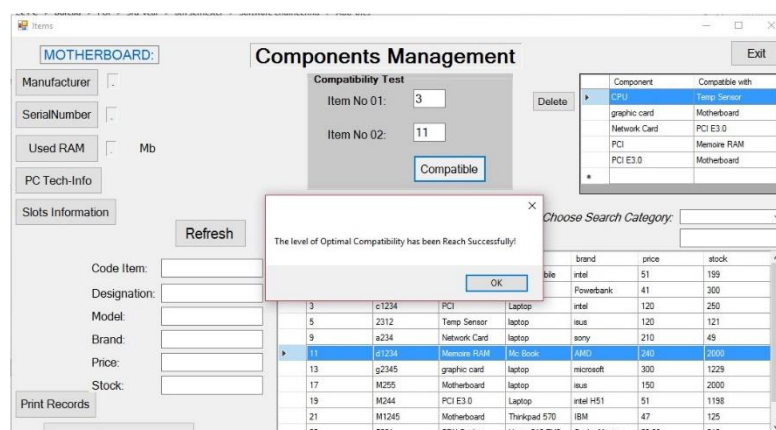
- Components compatibility: it is done by selecting an item from the components table which its id (id1) will show up in the (Item No 01) textBox and select a second item which its id (id2) will show up in the (Item No 02) textBox then by



Legend 6. Delete Items

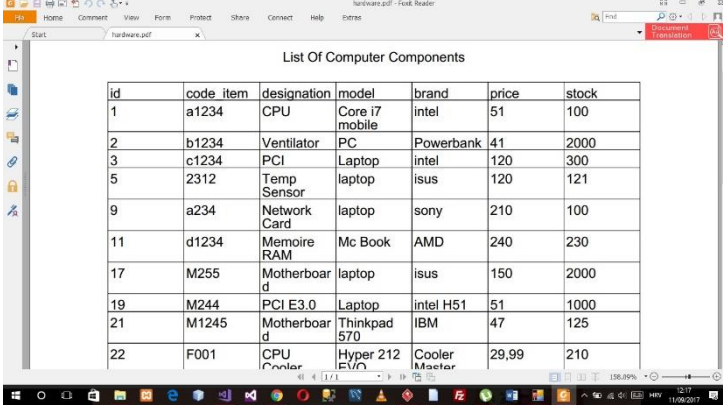
pressing the (Compatible) button the components will be added to the compatibility list of components and will show in the small table but just their designations (or names) in the columns (compatible, compatible

with).



Legend 7. Compatibility Items

- Print a Component pdf Document: it is the 2 nd new functionality which by pressing the (Print) button will get a list of components in a pdf format that we will can print it later in paper.

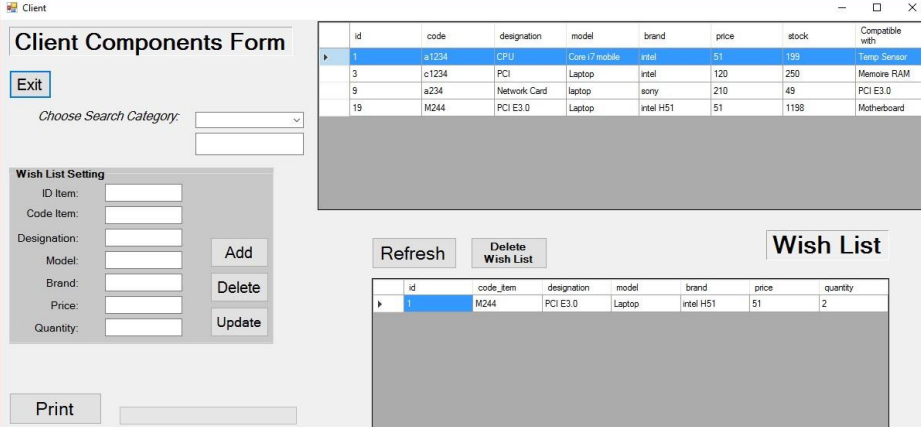


The screenshot shows a PDF viewer window titled 'hardware.pdf - Foxit Reader'. The main content is a table titled 'List Of Computer Components'. The table has 7 columns: id, code_item, designation, model, brand, price, and stock. It contains 12 rows of data representing various computer components.

id	code_item	designation	model	brand	price	stock
1	a1234	CPU	Core i7 mobile	intel	51	100
2	b1234	Ventilator	PC	Powerbank	41	2000
3	c1234	PCI	Laptop	intel	120	300
5	2312	Temp Sensor	laptop	isus	120	121
9	a234	Network Card	laptop	sony	210	100
11	d1234	Memore RAM	Mc Book	AMD	240	230
17	M255	Motherboard	laptop	isus	150	2000
19	M244	PCI E3.0	Laptop	intel H51	51	1000
21	M1245	Motherboard	Thinkpad	IBM	47	125
22	F001	CPU Cooler	Hyper 212 EVO	Cooler Master	29,99	210

Legend 8. List of Components

1.5. Client Components Form:



The screenshot shows a web application window titled 'Client'. It contains a 'Client Components Form' with an 'Exit' button, a 'Choose Search Category' dropdown, and a 'Wish List Setting' section with input fields for ID Item, Code Item, Designation, Model, Brand, Price, and Quantity, along with 'Add', 'Delete', and 'Update' buttons. A 'Print' button is also present. On the right, there is a table with 8 columns: id, code, designation, model, brand, price, stock, and Compatible with. Below this table is a 'Wish List' section with a 'Refresh' button, a 'Delete Wish List' button, and another table with 7 columns: id, code_item, designation, model, brand, price, and quantity.

id	code	designation	model	brand	price	stock	Compatible with
1	a1234	CPU	Core i7 mobile	intel	51	199	Temp Sensor
3	c1234	PCI	Laptop	intel	120	250	Memore RAM
9	a234	Network Card	laptop	sony	210	49	PCI E3.0
19	M244	PCI E3.0	Laptop	intel H51	51	1198	Motherboard

id	code_item	designation	model	brand	price	quantity
1	M244	PCI E3.0	Laptop	intel H51	51	2

Legend 9. Client Form

The form above is a client form which serve the client or user after signing in using his credential to choose components that are already passed test of compatibility which each component has its compatible component(s) shown in the (compatible with) column.

Client Components Form

Exit

Choose Search Category:

Wish List Setting

ID Item:

Code Item:

Designation:

Model:

Brand:

Price:

Quantity:

Add Delete Update

Print

id	code	designation	model	brand	price	stock	Compatible with
1	a1234	CPU	Core i7 mobile	intel	51	199	Temp Sensor
3	c1234	PCI	Laptop	intel	120	250	Memorie RAM
9	a234	Network Card	laptop	sony	210	49	PCI E3.0
19	M244	PCI E3.0	Laptop	intel H51	51	1198	Motherboard

Refresh Delete Wish List

Wish List

id	code_item	designation	model	brand	price	quantity
1	M244	PCI E3.0	Laptop	intel H51	51	2

Legend 10. Make a Wish List

A client can make a wish list by selecting the desired component from the components list and adjust the quantity required from the (Quantity) textBox then click (Add) button, if the client waish to adjust again the quantity he needs just to click on the row of the item on the (Wish List) table, adjust the quantity again then press (Update) button.

To delete an undesirable component, a client have just to select the data row, click (delete) button.

May the client wants to make a shooping list then he needs to click (Print) button where the shopping list will be shown in a pdf format.

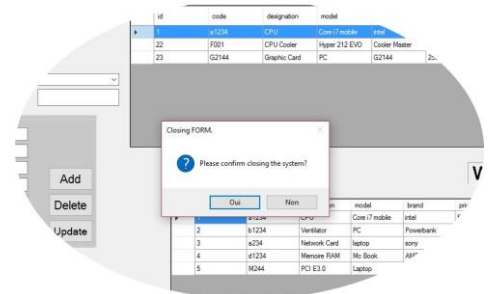
Shopping List Of Components

id	code item	designation	model	brand	price	quantity
1	a1234	CPU	Core i7 mobile	intel	51	2
2	b1234	Ventilator	PC	Powerbank	41	1
3	a234	Network Card	laptop	sony	210	2
4	d1234	Memoire RAM	Mc Book	AMD	240	5
5	M244	PCI E3.0	Laptop	intel H51	51	1

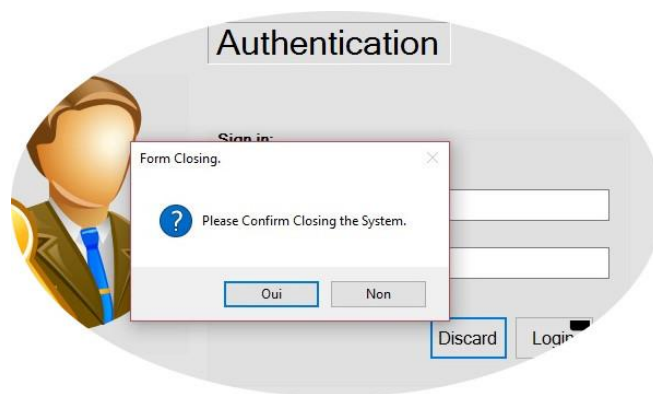
Legend 11. Shopping list

1.6. Sign out:

To sign out and leave the application the client have just to click (Exit) button then the application will be closed, for the administration have to close it from the (Principle form) by poressing the (QUIT) button.



Legend 12. Client LogOut



Legend 13. Admin LogOut