

LIVRABLE #3

Ce livrable consiste à développer un système de gestion des commandes pour le rôle « Requester ». Ce système permet d'enregistrer des commandes de composants pour des PC sur mesure, en incluant l'identifiant de l'initiateur, les composants du stock, ainsi que des dates de création et de modification automatiquement mises à jour.

- **Diagramme UML:**

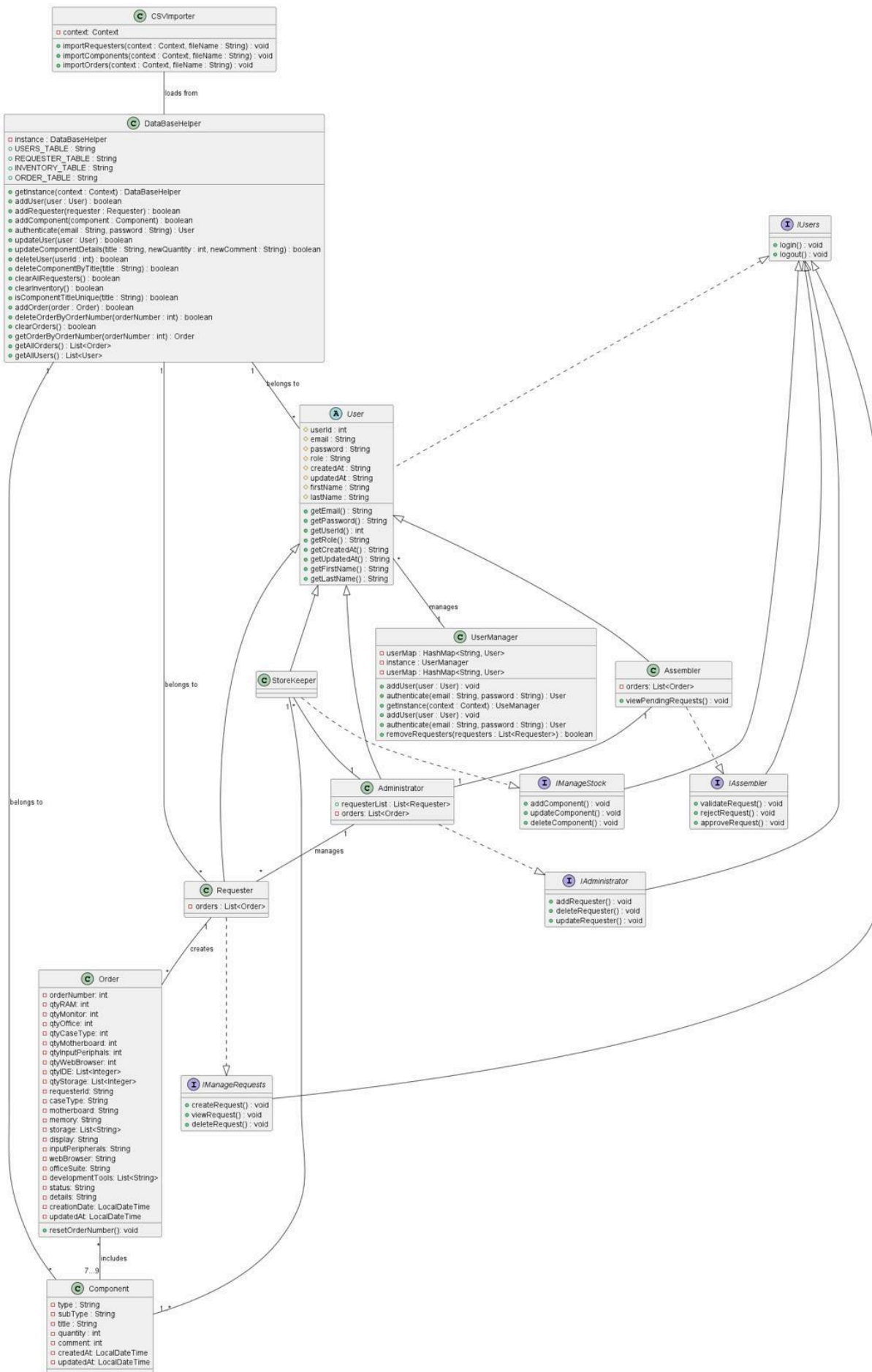
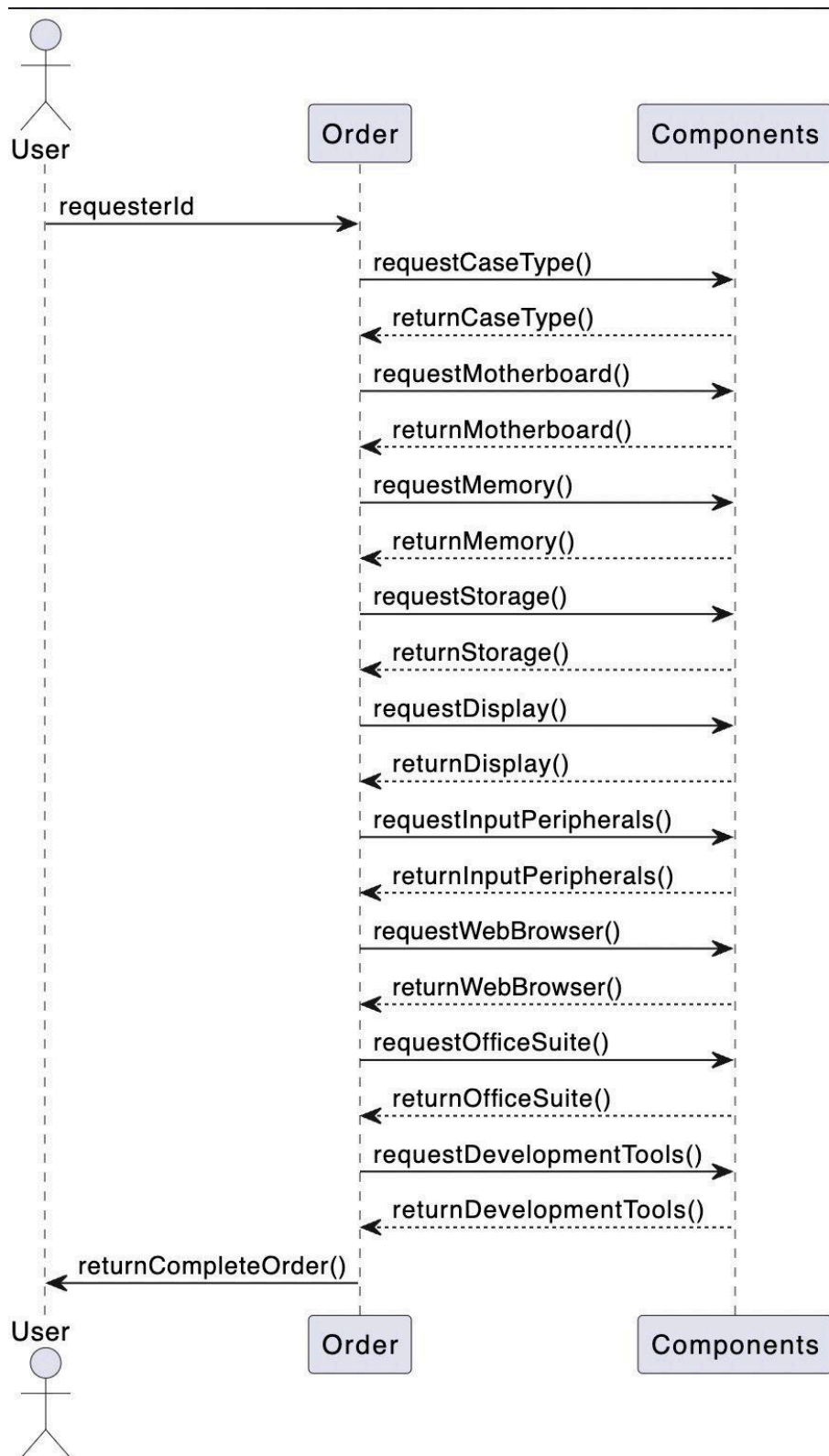



Diagramme de séquence:



- **Apparence et fonctionnalité:**

PCBuilder App



ID

Password

Login

→ Page d'accueil

Hello Administrator

add Requester

View Requesters

enter ID

delete

enter ID

modify

View Orders

Clear Database

Reset Database

Logout

→ *Administrator logged in*

firstName=Francis
lastName=James
email=francis.james@example.com
password=francis123

firstName=Jane
lastName=White
email=jane.white@example.com
password=jane123

Back

→ Requesters in “View Requesters”

Hello Administrator

add Requester

View Requesters

enter ID

delete


enter ID

modify

View Orders

Clear Database

Reset Database

 No requesters available in the database.

→ Aucun requester disponible après avoir vidé la base de données

Reset and Load data in the Database

Enter .csv file name. Default files are
"requesters.csv", and "components.csv"

Add you own file in the /assets folder

requesters.csv

components.csv

Reset Database

Components CSV file name

Reset Stock

Cancel

→ Réinitialisation de la base de données

firstName=Francis
lastName=James
email=francis.james@example.com
password=francis123

firstName=Jane
lastName=White
email=jane.white@example.com
password=jane123

Back

→ restauration des demandeurs

Hello Requester

Start New Order

View Orders

Enter Order Number

delete Order

Logout

→ requester Francis logged in

Create you order

Save selections before moving to other components

PC case



Show Options

Save Selections

Create Order

Cancel

→ Start new order page

Create you order

Save selections before moving to other components

PC caseShow Options

☒ Case1 1 + -

☐ Case2 1 + -

☐ Case3 1 + -

Save Selections

Create Order

Cancel

Selection Saved!

Create you order

Save selections before moving to other components

MotherboardShow Options

☒ motherboard1 1 + -

☐ motherboard2 1 + -

☐ motherboard3 1 + -

Save Selections

Create Order

Cancel

Create you order

Save selections before moving to other components

RAM



Show Options

- ☒ 16GB 1 + -
- ☐ 8GB 1 + -
- ☐ 4GB 1 + -

Save Selections

Create Order

Cancel

Create you order

Save selections before moving to other components

Storage



Show Options

- ☒ SSD 1TB 1 + -
- ☐ SSD 512GB 1 + -
- ☐ SSD 256GB 1 + -

Save Selections

Create Order

Cancel

Create you order

Save selections before moving to other components

Monitor ▼

Show Options

- ☒ 8K Monitor 1 + -
- ☐ 4K Monitor 1 + -
- ☐ 2K Monitor 1 + -

Save Selections

Create Order

Cancel

Create you order

Save selections before moving to other components

Web Browser ▼

Show Options

- ☒ Firefox 1 + -
- ☐ Chrome 1 + -
- ☐ Microsoft Edge 1 + -

Save Selections

Create Order

Cancel

Create you order

Save selections before moving to other components

OfficeShow Options

☒ LibreOffice 1 + -

☐ OfficePro 1 + -

Save Selections

Create Order

Cancel

Create you order

Save selections before moving to other components

IDEShow Options

☒ Visual Studio Code 1 + -

☒ IntelliJ 1 + -

☒ Android Studio 1 + -

Save Selections

Create Order

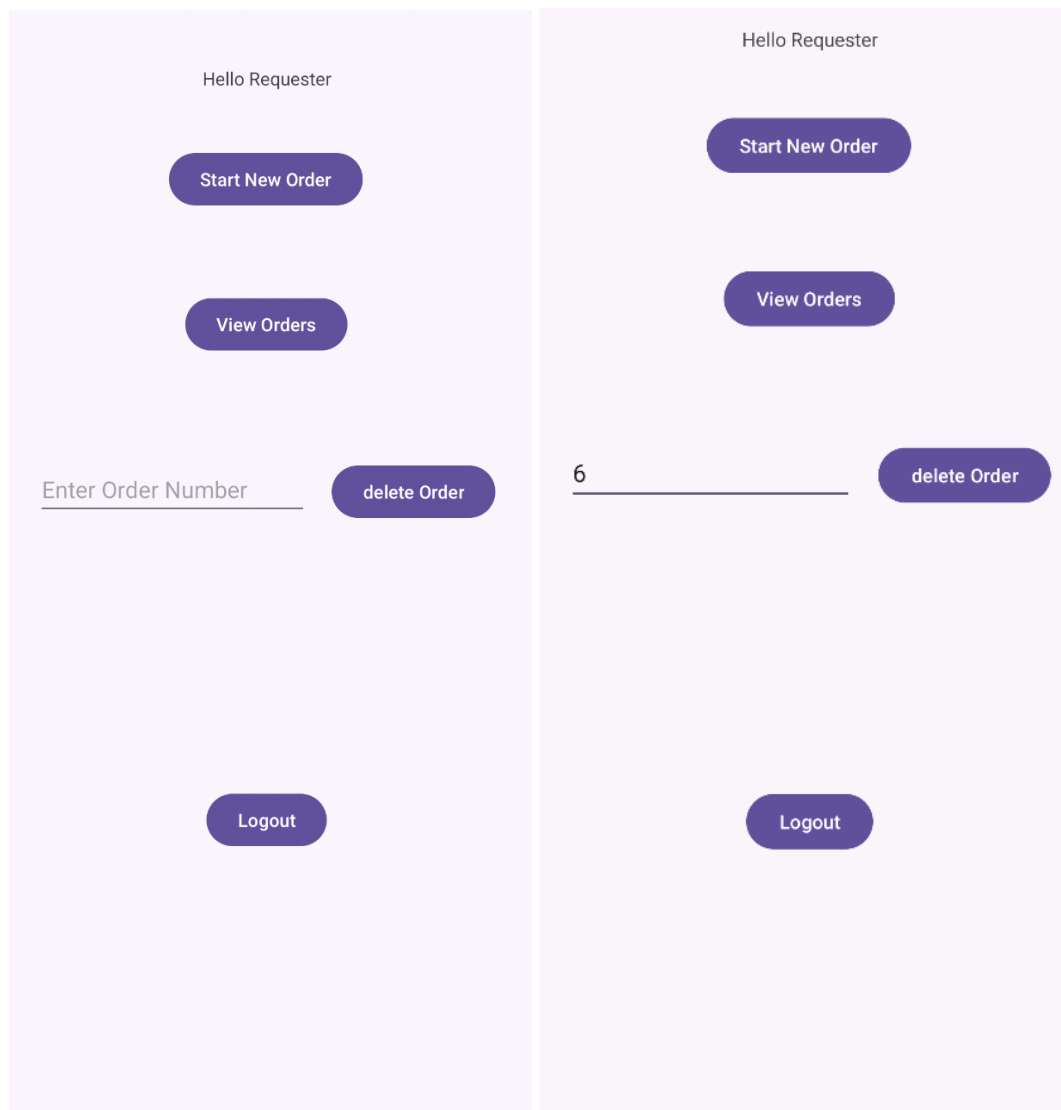
Cancel

→ exemple d'une commande

```
-requesterId=francis.james@example.com
-orderNumber=6
-caseType=Case1; qty:1
-motherboard=SSD 1TB; qty:1
-memory=16GB; qty:1
-storage=[SSD 1TB]; qty:[1]
-display=8K Monitor; qty:1
-inputPeripherals="Wireless Keyboard and
Mouse1; qty:1
-webBrowser='Firefox; qty:1
-officeSuite=' ; qty:0
-developmentTools=[Visual Studio Code, IntelliJ,
Android Studio]; qty:[1, 1, 1]
```

Cancel

→ la commande est maintenant visible sur 'view Orders' après sa création.



→ pour supprimer la commande, il faut entrer son numéro.

Hello Requester

Start New Order

View Orders

Enter Order Number delete Order

Logout

No orders found for this requester.

→ la commande est supprimée après avoir cliquer sur 'delete Order'

- **Base de données au lancement de l'application:**

DB Browser for SQLite - D:\Computer_Science_Uottawa\2nd_year\SEG2505_Introduction_au_genie_logiciel\privateProject\database test\v5 livrable 2\PCBuilder_db

File Edit View Tools Help

New Database Open Database Write Changes Revert Changes Open Project Save Project Attach Database Close Database

Database Structure Browse Data Edit Pragas Execute SQL

Table: USERS Filter in any column

	USER_ID	FIRST_NAME	LAST_NAME	EMAIL	PASSWORD	ROLE	CREATED_AT	UPDATED_AT
	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	1			admin@admin.com	123admin456	Administrator	2024-10-23 07:57:30	2024-10-23 07:57:30
2	2			storeKeeper@admin.com	storeKeeper123	StoreKeeper	2024-10-23 07:57:30	2024-10-23 07:57:30
3	3			assembler@admin.com	assembler123	Assembler	2024-10-23 07:57:30	2024-10-23 07:57:30

→ *tableau : Users*

DB Browser for SQLite - D:\Computer_Science_Uottawa\2nd_year\SEG2505_Introduction_au_genie_logiciel\privateProject\database test\v5 livrable 2\PCBuilder_db

File Edit View Tools Help

New Database Open Database Write Changes Revert Changes Open Project Save Project Attach Database Close Database

Database Structure Browse Data Edit Pragas Execute SQL

Table: REQUESTER

	REQUESTER_ID	FIRST_NAME	LAST_NAME	EMAIL	PASSWORD	ROLE	CREATED_AT	UPDATED_AT
	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	84	Francis	James	francis.james@example.com	francis123	Requester	2024-10-27T13:25:01.579023	2024-10-27T13:25:01.579197
2	85	Jane	White	jane.white@example.com	jane123	Requester	2024-10-27T13:25:01.589366	2024-10-27T13:25:01.589569

→ *tableau : Requester*

New Database Open Database Write Changes Revert Changes Open Project Save Project Attach Database Close Database

Database Structure Browse Data Edit Pragas Execute SQL

Table: inventory

	ID	type	subType	title	quantity	comment	createdAt	updatedAt
	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	1	Hardware	PC case	Case1	1	High-quality gaming case with RGB lighting	2024-11-08T10:20:22.526186	2024-11-08T10:20:22.526264
2	2	Hardware	PC case	Case2	1	High-quality gaming case with RGB lighting	2024-11-08T10:20:22.534797	2024-11-08T10:20:22.534860
3	3	Hardware	PC case	Case3	1	High-quality gaming case with RGB lighting	2024-11-08T10:20:22.545720	2024-11-08T10:20:22.545789
4	4	Hardware	Motherboard	motherboard1	1	High-quality motherboard	2024-11-08T10:20:22.555116	2024-11-08T10:20:22.555250
5	5	Hardware	Motherboard	motherboard2	1	High-quality motherboard	2024-11-08T10:20:22.566279	2024-11-08T10:20:22.566340
6	6	Hardware	Motherboard	motherboard3	1	High-quality motherboard	2024-11-08T10:20:22.574390	2024-11-08T10:20:22.574448
7	7	Hardware	RAM	16GB	3	16GB DDR4 RAM for high performance	2024-11-08T10:20:22.583981	2024-11-08T10:20:22.584036
8	8	Hardware	RAM	8GB	3	8GB DDR4 RAM for high performance	2024-11-08T10:20:22.593183	2024-11-08T10:20:22.593236
9	9	Hardware	RAM	4GB	3	4GB DDR4 RAM for high performance	2024-11-08T10:20:22.603220	2024-11-08T10:20:22.603285
10	10	Hardware	Storage	SSD 1TB	2	High-speed 1TB SSD for fast data access	2024-11-08T10:20:22.613528	2024-11-08T10:20:22.613587
11	11	Hardware	Storage	SSD 512GB	2	High-speed 512GB SSD for fast data access	2024-11-08T10:20:22.621875	2024-11-08T10:20:22.621931
12	12	Hardware	Storage	SSD 256GB	2	High-speed 256GB SSD for fast data access	2024-11-08T10:20:22.632525	2024-11-08T10:20:22.632581
13	13	Hardware	Monitor	8K Monitor	10	27-inch 8K UHD monitor with HDR support	2024-11-08T10:20:22.642710	2024-11-08T10:20:22.642773
14	14	Hardware	Monitor	4K Monitor	10	24-inch 4K UHD monitor with HDR support	2024-11-08T10:20:22.652645	2024-11-08T10:20:22.652834
15	15	Hardware	Monitor	2K Monitor	10	24-inch 2K UHD monitor with HDR support	2024-11-08T10:20:22.660179	2024-11-08T10:20:22.660379
16	16	Hardware	Input Device	Wireless Keyboard and Mouse1	1	wireless keyboard and mouse combo	2024-11-08T10:20:22.667592	2024-11-08T10:20:22.667644
17	17	Hardware	Input Device	Wireless Keyboard and Mouse2	1	wireless keyboard and mouse combo	2024-11-08T10:20:22.676128	2024-11-08T10:20:22.676373
18	18	Hardware	Input Device	Wireless Keyboard and Mouse3	1	wireless keyboard and mouse combo	2024-11-08T10:20:22.685156	2024-11-08T10:20:22.685222
19	19	Software	Web Browser	Firefox	100	Firefox browser for secure and fast browsing	2024-11-08T10:20:22.694264	2024-11-08T10:20:22.694327
20	20	Software	Web Browser	Chrome	100	Chrome browser for secure and fast browsing	2024-11-08T10:20:22.704220	2024-11-08T10:20:22.704284
21	21	Software	Web Browser	Microsoft Edge	100	Microsoft Edge browser for secure and fast ...	2024-11-08T10:20:22.712990	2024-11-08T10:20:22.713182
22	22	Software	Office	LibreOffice	20	Free and open-source office suite for document ...	2024-11-08T10:20:22.721991	2024-11-08T10:20:22.722053
23	23	Software	Office	OfficePro	20	Pro verion office suite for document editing	2024-11-08T10:20:22.732261	2024-11-08T10:20:22.732322
24	24	Software	IDE	Visual Studio Code	30	Lightweight IDE with extensive plugin support	2024-11-08T10:20:22.740315	2024-11-08T10:20:22.740381
25	25	Software	IDE	IntelliJ	30	Java IDE with	2024-11-08T10:20:22.749183	2024-11-08T10:20:22.749238
26	26	Software	IDE	Android Studio	30	Android application editor	2024-11-08T10:20:22.757663	2024-11-08T10:20:22.757768

→ *tableau : Inventory*

table: orders															Filter in any column														
orderID		requesterID		caseType	qtyCaseType	motherboard		qtyMotherboard		memory		qtyRAM		storage	qtyStorage	display	qtyMonitor	inputPeripherals		qtyInputPeripherals	webBrowser								
Filter		Filter		Filter	Filter	Filter		Filter		Filter		Filter		Filter	Filter	Filter	Filter	Filter		Filter	Filter								
1		1 francis.james@example.com		Case1	1	motherboard1		1		16GB		1		SSD 512GB	1	8K Monitor	1	Wireless Keyboard and Mouse		1	Firefox								

webBrowser		qtyWebBrowser	officeSuite	qtyOffice	developmentTools			qtyIDE	orderNumber	orderStatus	orderDetails	createdAt	updatedAt
Filter		Filter	Filter	Filter	Filter			Filter	Filter	Filter	Filter	Filter	Filter
Firefox		1	OfficePro	1	Visual Studio Code,IntelliJ,Android Studio			1,1,1	1	waiting to be accepted		2024-11-08T10:39:50.429003	2024-11-08T10:39:50.429204

→ *tableau : Orders*