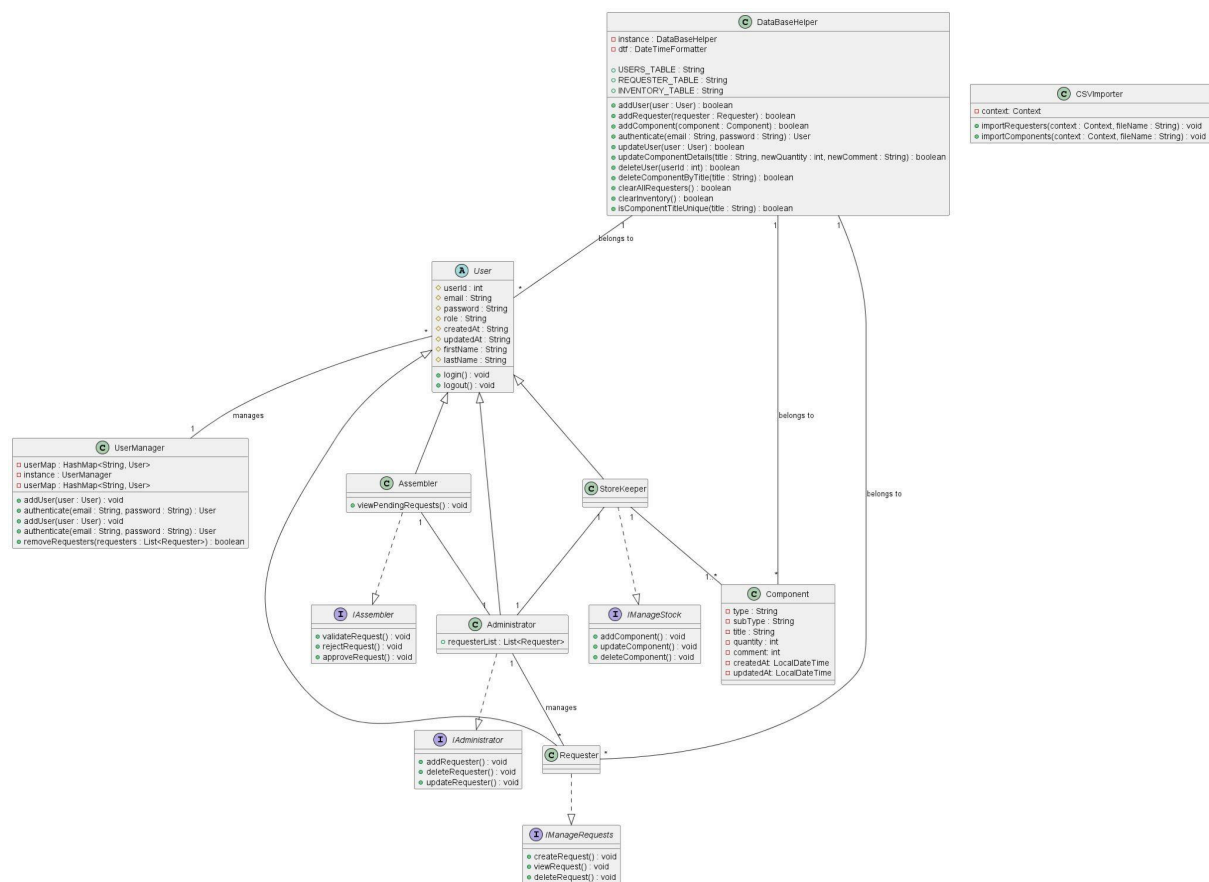


## LIVRABLE #2

Ce livrable a pour objectif de développer un système de gestion de stock pour les rôles « StoreKeeper » et « Administrator ». Le rôle « StoreKeeper » permet la gestion des composants matériels et logiciels, incluant des fonctionnalités pour ajouter, modifier, supprimer et visualiser les éléments du stock.


Le rôle « Administrator » dispose d'outils pour gérer la base de données, notamment pour réinitialiser ou vider les données.

### ● Diagramme UML:



- **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 Store Keeper

add element

Enter Title

Edit

Enter Title

Delete

View Stock

Logout

→ Store Keeper logged in



Add Component

Type \_\_\_\_\_

Subtype \_\_\_\_\_

Title \_\_\_\_\_

0 \_\_\_\_\_

Comment \_\_\_\_\_

→ Add Component page

Add Component

OS \_\_\_\_\_

Linux \_\_\_\_\_

System \_\_\_\_\_

7 \_\_\_\_\_

Comment \_\_\_\_\_

→ exemple

type=Hardware  
subType=Motherboard  
title=Motherboard1  
quantity=10

type=Software  
subType=Operating System  
title=Windows 11  
quantity=20

type=OS  
subType=Linux  
title=System  
quantity=7

Back

→ composant ajouté

Hello Store Keeper

add element

System

Edit

Enter Title

Delete

View Stock

Logout

Edit Component Qty or Comment only

OS

Linux

System

8

+

-

Comment

Save changes

Cancel

→ on peut modifier la quantité du composant

type=Hardware  
subType=Motherboard  
title=Motherboard1  
quantity=10  
type=Software  
subType=Operating System  
title=Windows 11  
quantity=20  
type=OS  
subType=Linux  
title=System  
quantity=8

Back

→ quantité du composant System modifiée

- **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 Pragmas 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 Pragmas 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*

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 Pragmas Execute SQL

Table: inventory

	ID	type	subType	title	quantity	comment	createdAt	updatedAt
	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	76	Hardware	Motherboard	Motherboard1	10	motherboard for gaming	2024-10-27T13:25:01.598662	2024-10-27T13:25:01.598723
2	77	Software	Operating System	Windows 11	20	Windows 11 pro for work	2024-10-27T13:25:01.606653	2024-10-27T13:25:01.606740

→ *tableau : Inventory*