

LIVRABLE #4

Le **Livrable 4** marque la finalisation de l'application *PC Builder App*. Il se concentre sur les fonctionnalités du rôle **Assembleur**, notamment la gestion des commandes : validation en fonction du stock, mise en attente, rejet ou approbation des commandes, et retour virtuel du PC assemblé. Ce livrable inclut également la consolidation du projet, sa documentation et son déploiement.

Diagramme UML:

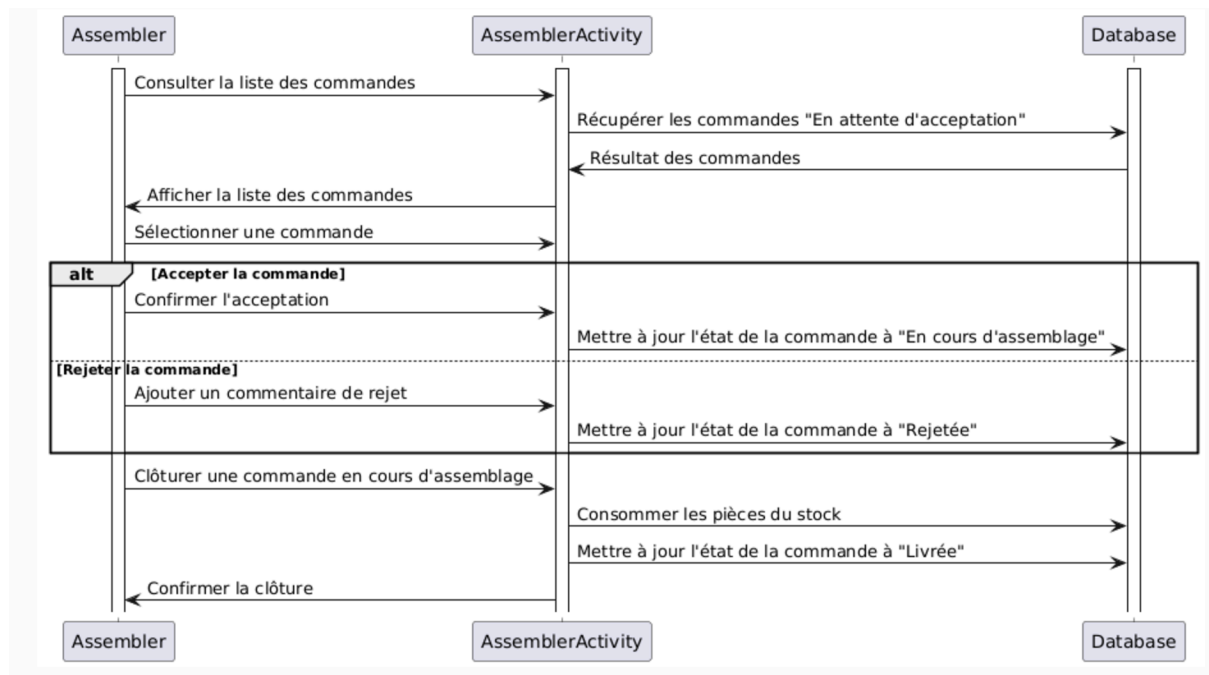


Diagramme d'activité de traitement d'une commande:

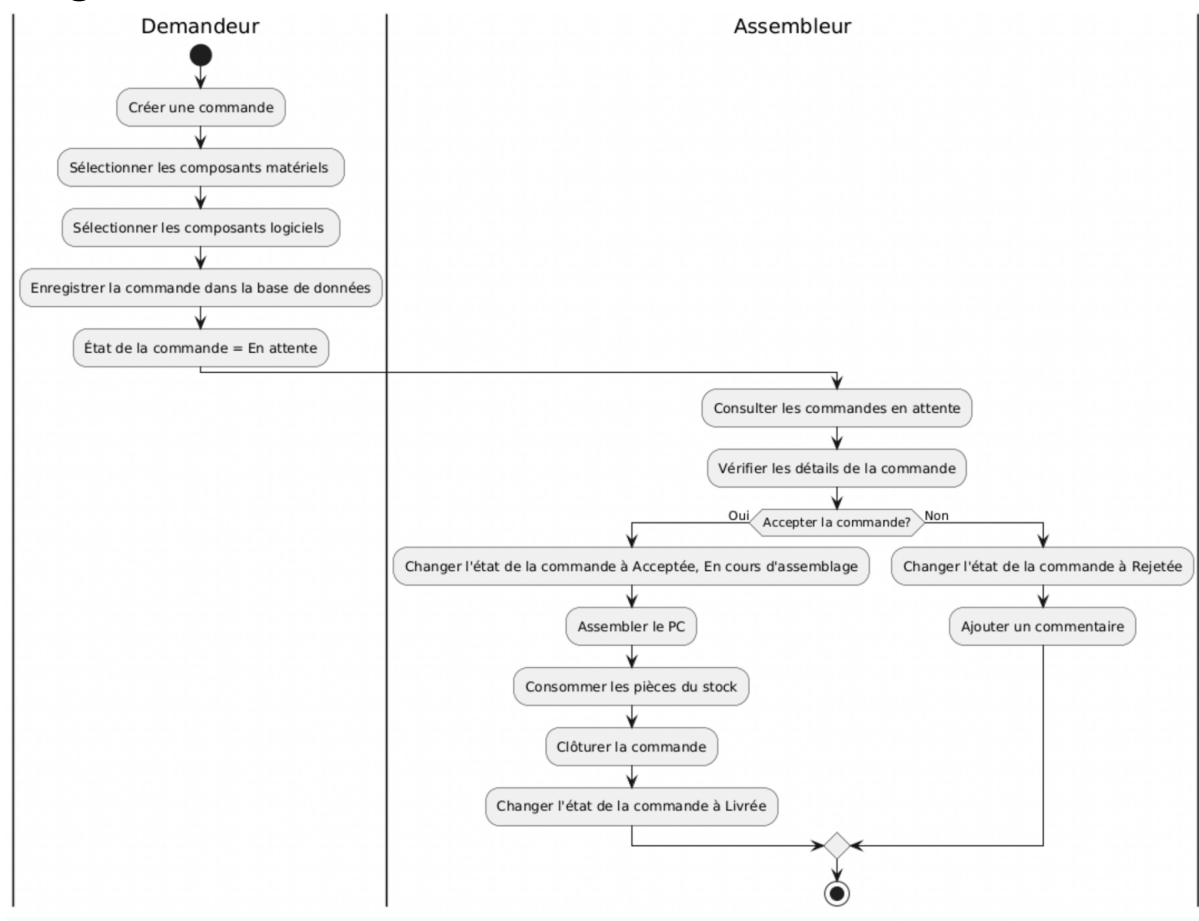
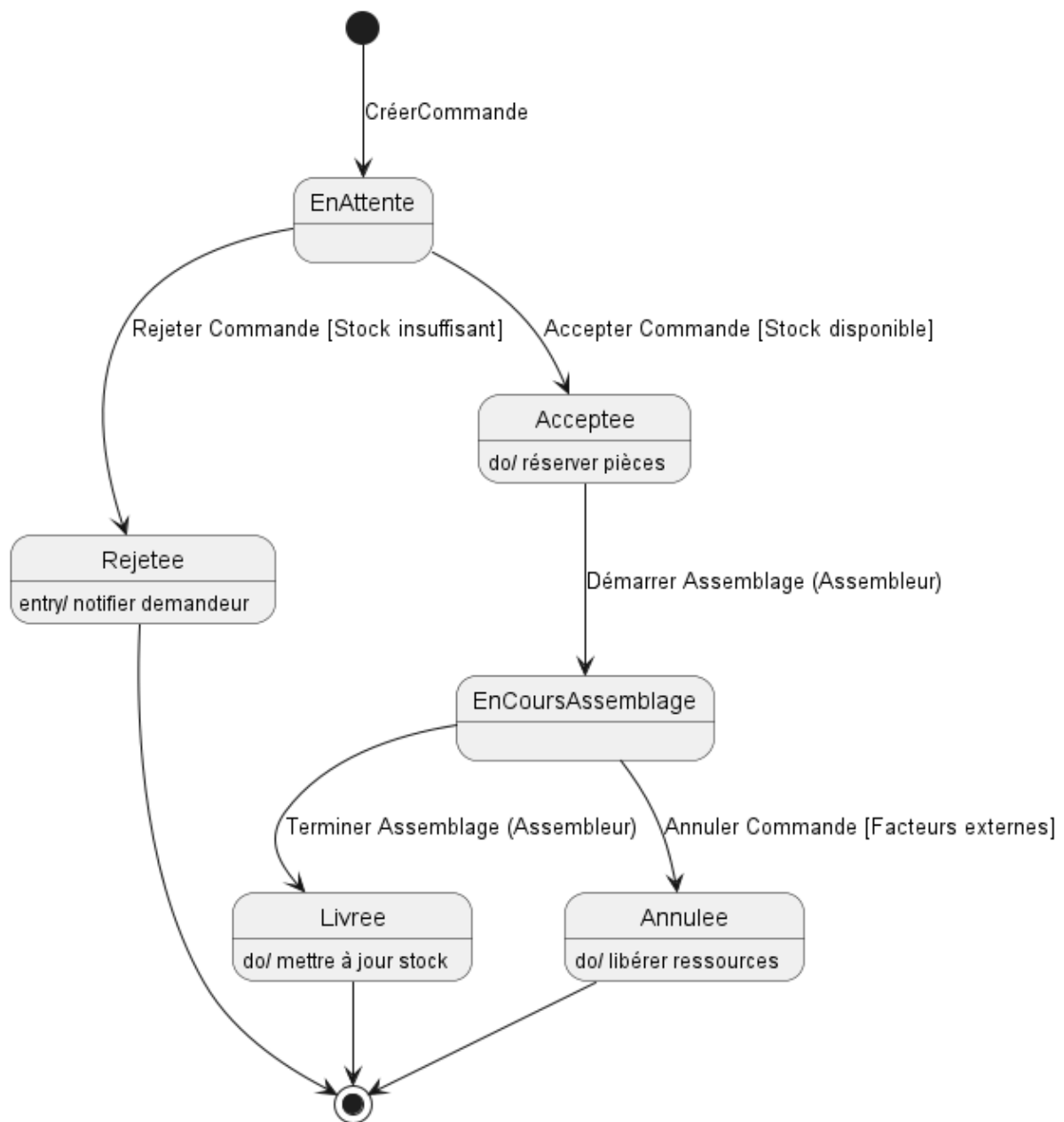


Diagramme d'état de commande:



- **Apparence et fonctionnalité:**

PCBuilder App

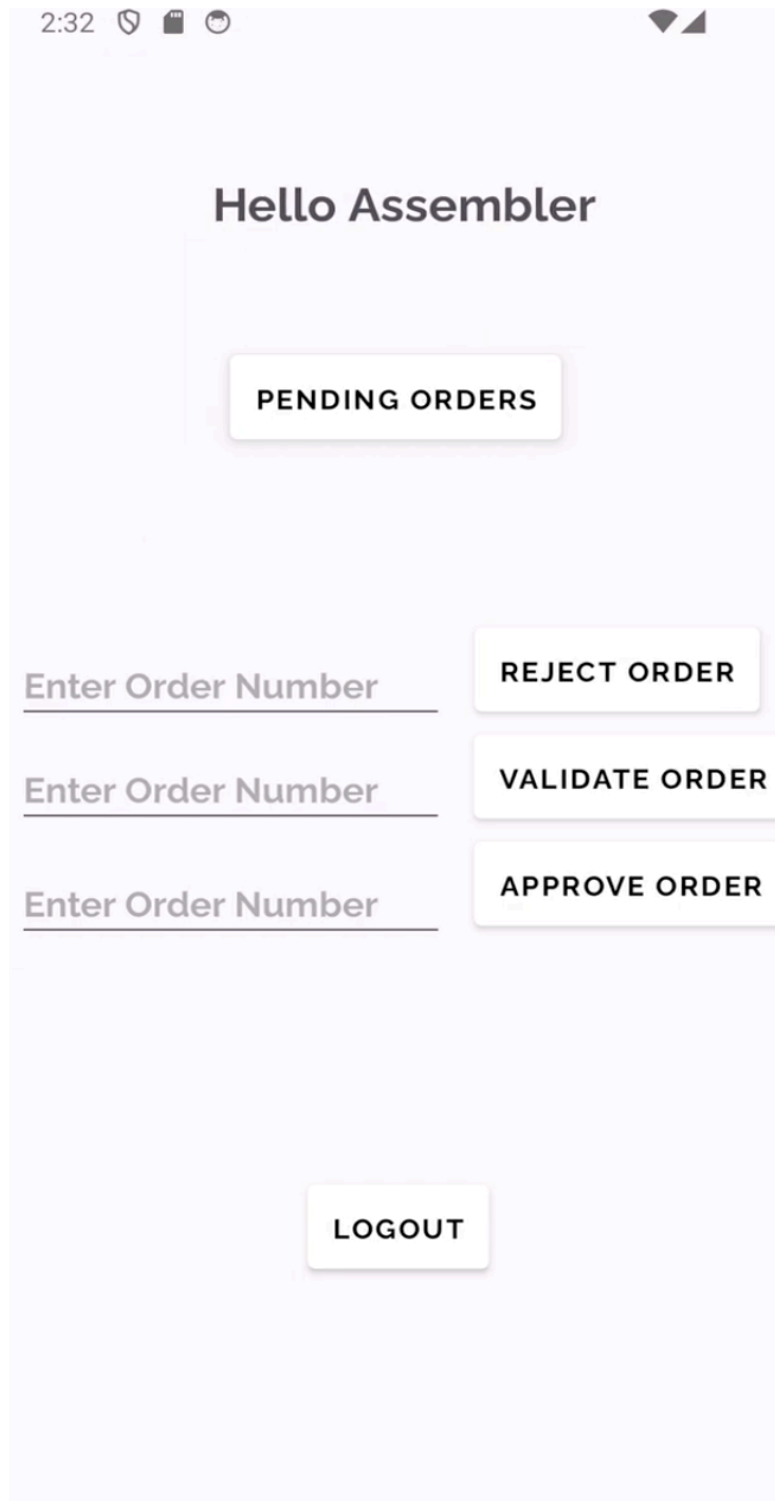


ID

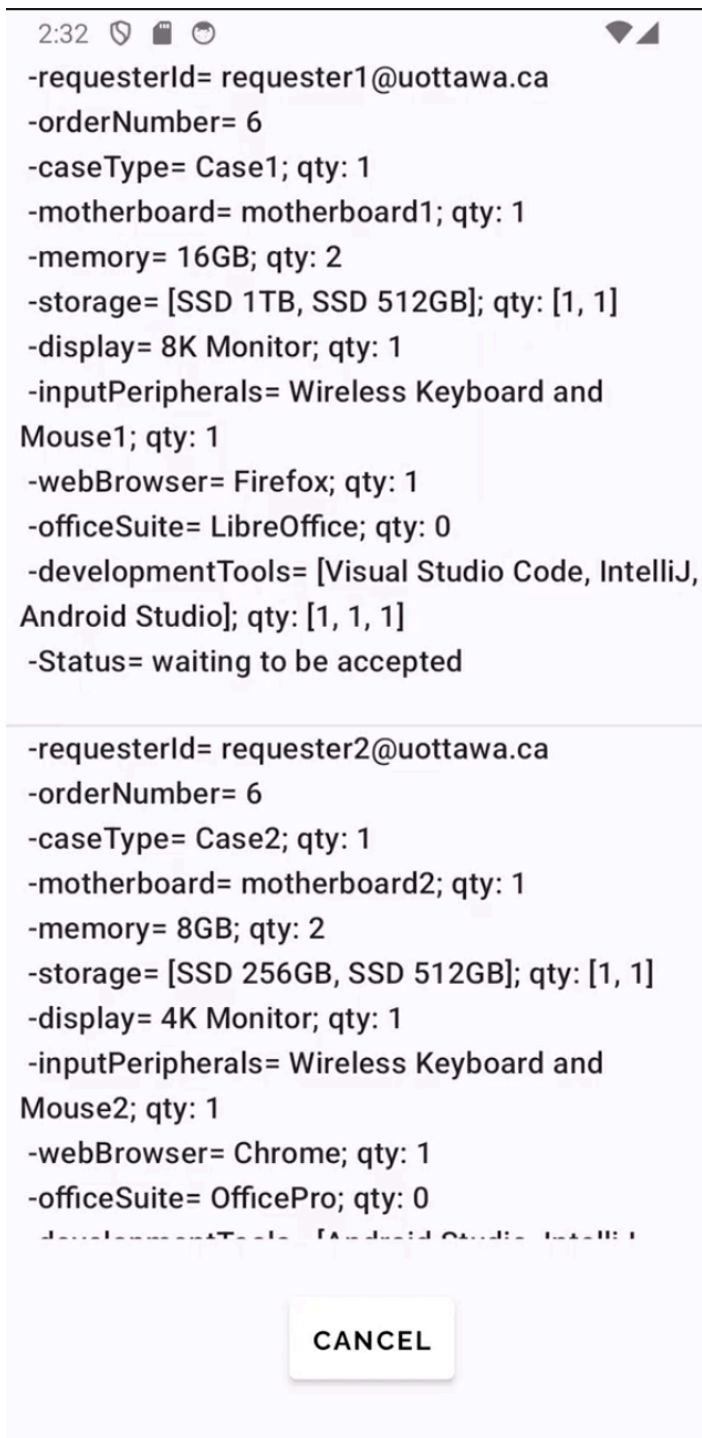
Password

Login

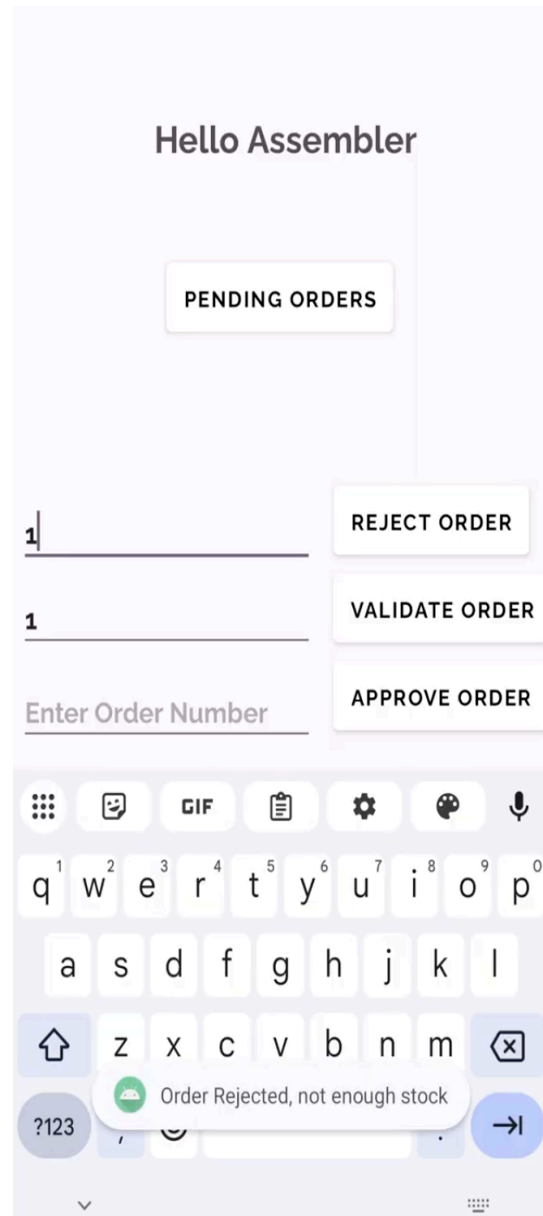
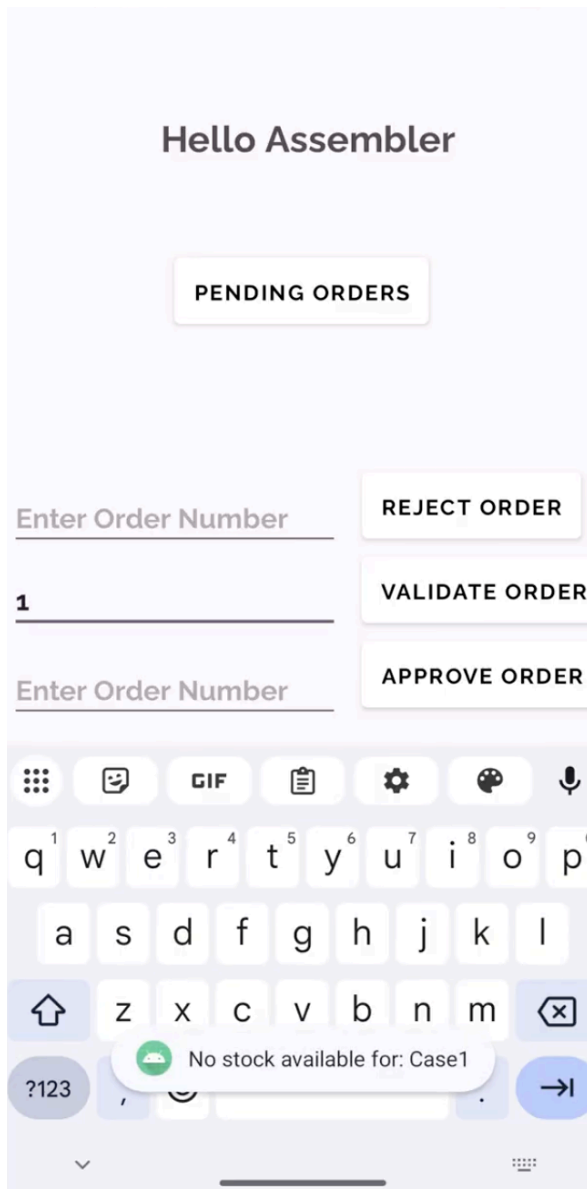
→ Page d'accueil



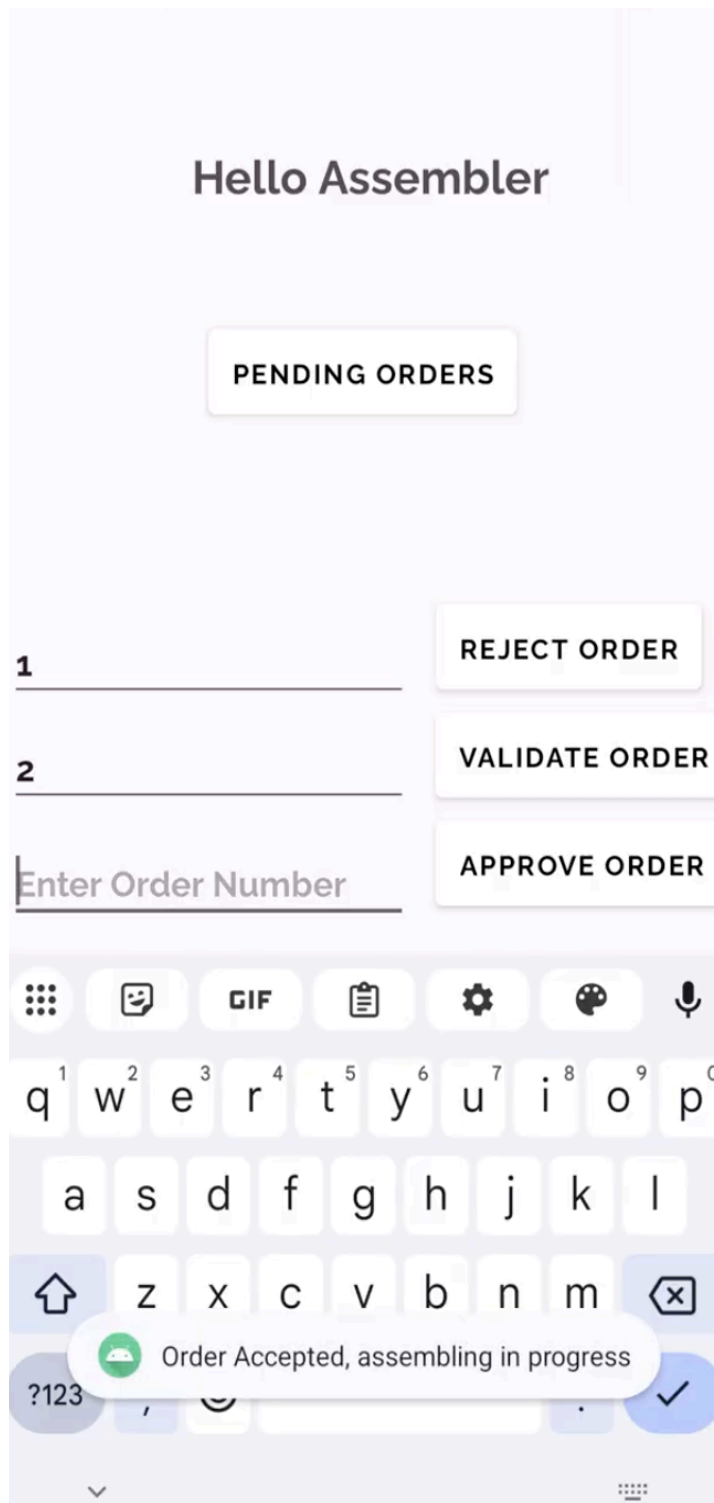
→ *Assembler logged in*



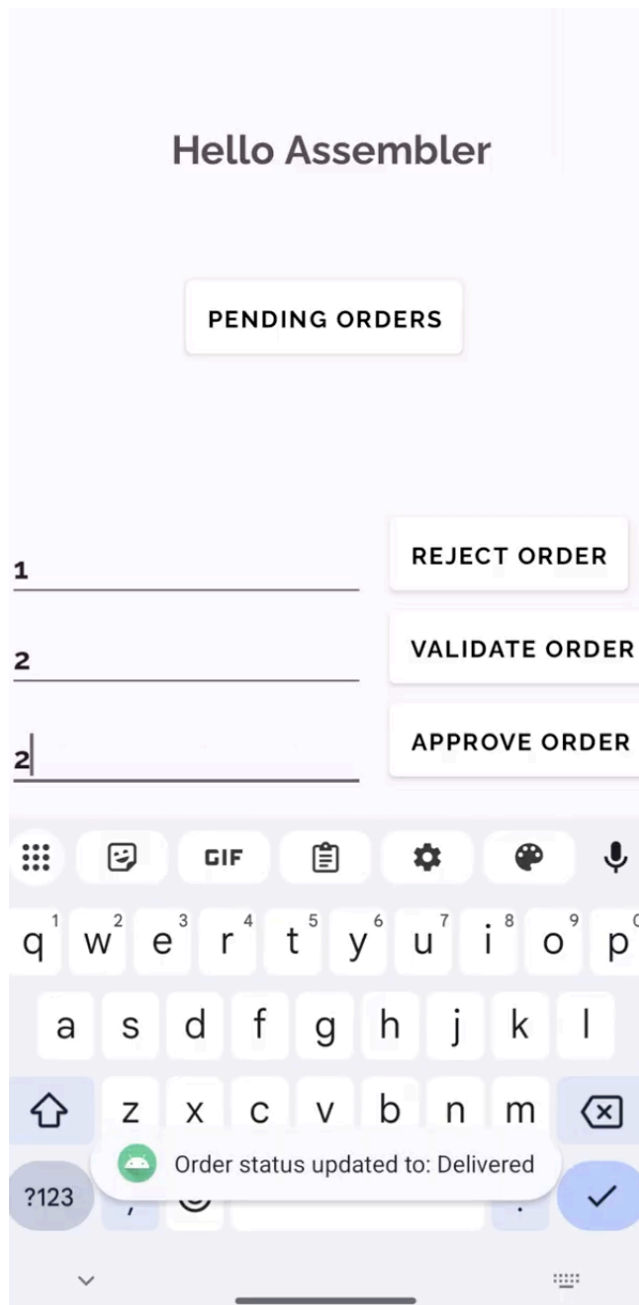
→ Pending orders



→ commande rejetée: pas de stock disponible



→ commande acceptée: status en rassemblement



→ commande validée: status délivré

Hello Requester

START NEW ORDER

VIEW ORDERS

Enter Order Number

DELETE ORDER

LOGOUT

→ requester1 logged in

```
-requesterId= requester1@uottawa.ca
-orderNumber= 3
-caseType= Case1; qty: 1
-motherboard= motherboard1; qty: 1
-memory= 16GB; qty: 2
-storage= [SSD 1TB, SSD 512GB]; qty: [1, 1]
-display= 8K Monitor; qty: 1
-inputPeripherals= Wireless Keyboard and
Mouse1; qty: 1
-webBrowser= Firefox; qty: 1
-officeSuite= LibreOffice; qty: 0
-developmentTools= [Visual Studio Code, IntelliJ,
Android Studio]; qty: [1, 1, 1]
-Status= Rejected
```

```
-requesterId= requester1@uottawa.ca
-orderNumber= 3
-caseType= Case1; qty: 1
-motherboard= motherboard1; qty: 1
-memory= 16GB; qty: 4
-storage= [SSD 1TB, SSD 512GB]; qty: [1, 1]
-display= 8K Monitor; qty: 3
-inputPeripherals= Wireless Keyboard and
Mouse1; qty: 1
-webBrowser= Firefox; qty: 1
-officeSuite= LibreOffice; qty: 0
-developmentTools= [Visual Studio Code, IntelliJ
```

CANCEL

→ status = rejected

Hello Requester

START NEW ORDER

VIEW ORDERS

Enter Order Number

DELETE ORDER

LOGOUT

→ requester2 logged in

-requesterId= requester2@uottawa.ca
-orderNumber= 3
-caseType= Case2; qty: 1
-motherboard= motherboard2; qty: 1
-memory= 8GB; qty: 2
-storage= [SSD 256GB, SSD 512GB]; qty: [1, 1]
-display= 4K Monitor; qty: 1
-inputPeripherals= Wireless Keyboard and Mouse2; qty: 1
-webBrowser= Chrome; qty: 1
-officeSuite= OfficePro; qty: 0
-developmentTools= [Android Studio, IntelliJ, Android Studio]; qty: [1, 1, 1]
-Status= Delivered

CANCEL

→ status = delivered

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

Table: <div>USERS</div>								
	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	2024-11-08T09:31:30.565602	2024-11-08T09:31:30.565844
2	2			storeKeeper@admin.com	storeKeeper123	StoreKeeper	2024-11-08T09:31:30.572749	2024-11-08T09:31:30.572944
3	3			assembler@admin.com	assembler123	Assembler	2024-11-08T09:31:30.580363	2024-11-08T09:31:30.580794
4	4			admin@uottawa.ca	123	Administrator	2024-11-25T11:55:39.019133	2024-11-25T11:55:39.019330
5	5			storeKeeper@uottawa.ca	123	StoreKeeper	2024-11-25T11:55:39.036101	2024-11-25T11:55:39.036308
6	6			assembler@uottawa.ca	123	Assembler	2024-11-25T11:55:39.048040	2024-11-25T11:55:39.048298

→ *tableau : Users*

Table: orders													
orderID	requesterID	caseType	qtyCaseType	motherboard	qtyMotherboard	memory	qtyRAM	storage	qtyStorage	display	qtyMonitor	inp	
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	
1	53 requester1@uottawa.ca	Case1	1	motherboard1	1	16GB	2	SSD 1TB,SSD 512GB	1,1	8K Monitor	1	Wireless K	
2	54 requester2@uottawa.ca	Case2	1	motherboard2	1	8GB	2	SSD 256GB,SSD 512GB	1,1	4K Monitor	1	Wireless K	

→ *tableau : Requester*

Table: inventory									
ID	type	subType	title	quantity	comment	createdAt	updatedAt		
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter		
1	1382	Hardware	PC case	Case1	0	High-quality gaming case with RGB ...	2024-12-01T12:14:53.362987	2024-12-01T12:14:53.363052	
2	1383	Hardware	PC case	Case2	10	High-quality gaming case with RGB ...	2024-12-01T12:14:53.372272	2024-12-01T12:14:53.372335	
3	1384	Hardware	PC case	Case3	10	High-quality gaming case with RGB ...	2024-12-01T12:14:53.381560	2024-12-01T12:14:53.381625	
4	1385	Hardware	Motherboard	motherboard1	10	High-quality motherboard	2024-12-01T12:14:53.389563	2024-12-01T12:14:53.389639	
5	1386	Hardware	Motherboard	motherboard2	10	High-quality motherboard	2024-12-01T12:14:53.397801	2024-12-01T12:14:53.397879	
6	1387	Hardware	Motherboard	motherboard3	10	High-quality motherboard	2024-12-01T12:14:53.405472	2024-12-01T12:14:53.405527	
7	1388	Hardware	RAM	16GB	30	16GB DDR4 RAM for high performance	2024-12-01T12:14:53.415241	2024-12-01T12:14:53.415326	
8	1389	Hardware	RAM	8GB	30	8GB DDR4 RAM for high performance	2024-12-01T12:14:53.423212	2024-12-01T12:14:53.423290	
9	1390	Hardware	RAM	4GB	30	4GB DDR4 RAM for high performance	2024-12-01T12:14:53.433142	2024-12-01T12:14:53.433195	
10	1391	Hardware	Storage	SSD 1TB	20	High-speed 1TB SSD for fast data ...	2024-12-01T12:14:53.441106	2024-12-01T12:14:53.441233	
11	1392	Hardware	Storage	SSD 512GB	20	High-speed 512GB SSD for fast data ...	2024-12-01T12:14:53.449564	2024-12-01T12:14:53.449633	
12	1393	Hardware	Storage	SSD 256GB	20	High-speed 256GB SSD for fast data ...	2024-12-01T12:14:53.457377	2024-12-01T12:14:53.457440	
13	1394	Hardware	Monitor	8K Monitor	10	27-inch 8K UHD monitor with HDR ...	2024-12-01T12:14:53.466093	2024-12-01T12:14:53.466154	
14	1395	Hardware	Monitor	4K Monitor	10	24-inch 4K UHD monitor with HDR ...	2024-12-01T12:14:53.473538	2024-12-01T12:14:53.473591	
15	1396	Hardware	Monitor	2K Monitor	10	24-inch 2K UHD monitor with HDR ...	2024-12-01T12:14:53.482238	2024-12-01T12:14:53.482314	
16	1397	Hardware	Input Device	Wireless Keyboard and Mouse1	10	wireless keyboard and mouse combo	2024-12-01T12:14:53.490397	2024-12-01T12:14:53.490459	
17	1398	Hardware	Input Device	Wireless Keyboard and Mouse2	10	wireless keyboard and mouse combo	2024-12-01T12:14:53.498717	2024-12-01T12:14:53.498777	
18	1399	Hardware	Input Device	Wireless Keyboard and Mouse3	10	wireless keyboard and mouse combo	2024-12-01T12:14:53.506173	2024-12-01T12:14:53.506239	
19	1400	Software	Web Browser	Firefox	100	Firefox browser for secure and fast ...	2024-12-01T12:14:53.514799	2024-12-01T12:14:53.514876	
20	1401	Software	Web Browser	Chrome	100	Chrome browser for secure and fast ...	2024-12-01T12:14:53.521853	2024-12-01T12:14:53.521901	
21	1402	Software	Web Browser	Microsoft Edge	100	Microsoft Edge browser for secure an...	2024-12-01T12:14:53.529900	2024-12-01T12:14:53.530002	
22	1403	Software	Office	LibreOffice	20	Free and open-source office suite for ...	2024-12-01T12:14:53.539006	2024-12-01T12:14:53.539088	
23	1404	Software	Office	OfficePro	20	Pro verion office suite for document ...	2024-12-01T12:14:53.547712	2024-12-01T12:14:53.547767	

→ *tableau : Inventory*

Table: orders													
orderID	requesterID	caseType	qtyCaseType	motherboard	qtyMotherboard	memory	qtyRAM	storage	qtyStorage	display	qtyMonitor	inp	
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	
1	53 requester1@uottawa.ca	Case1	1	motherboard1	1	16GB	2	SSD 1TB,SSD 512GB	1,1	8K Monitor	1	Wireless K	
2	54 requester2@uottawa.ca	Case2	1	motherboard2	1	8GB	2	SSD 256GB,SSD 512GB	1,1	4K Monitor	1	Wireless K	

→ *tableau : Orders*