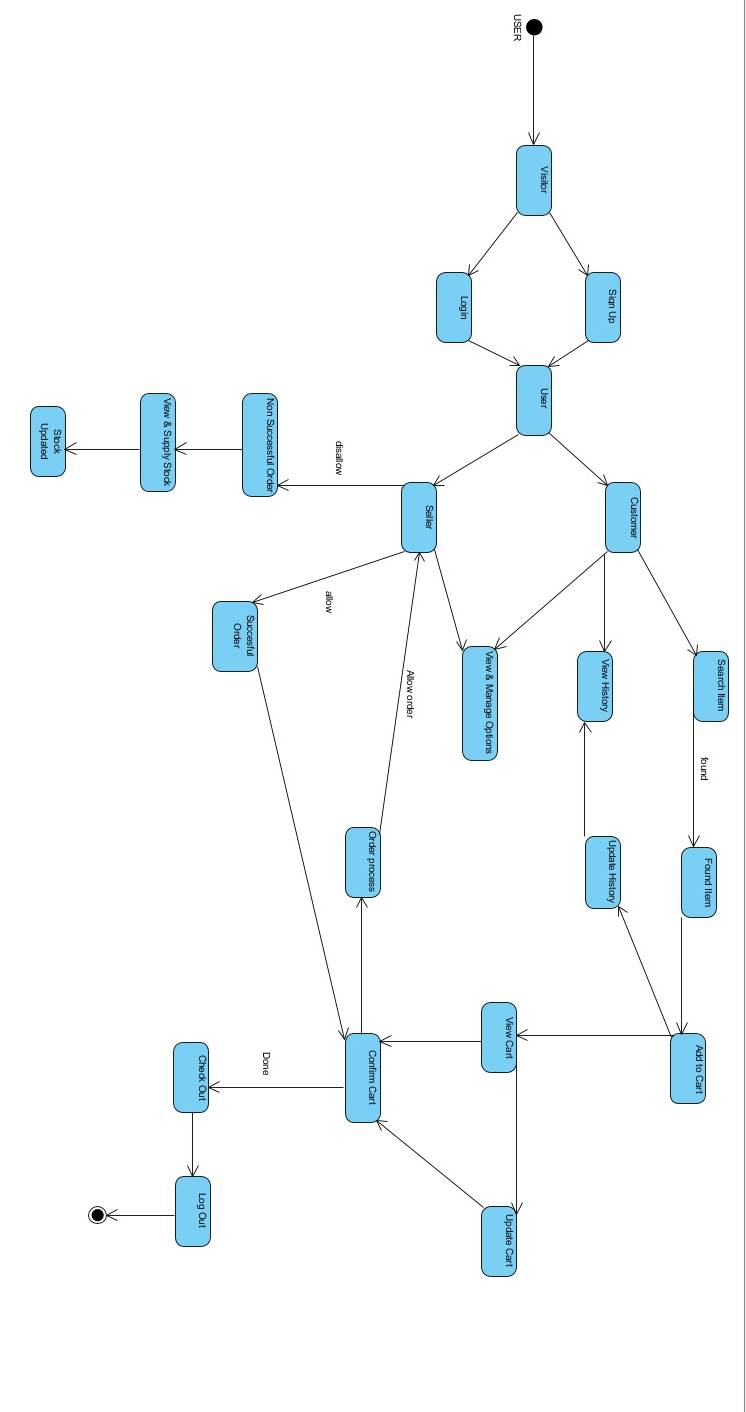
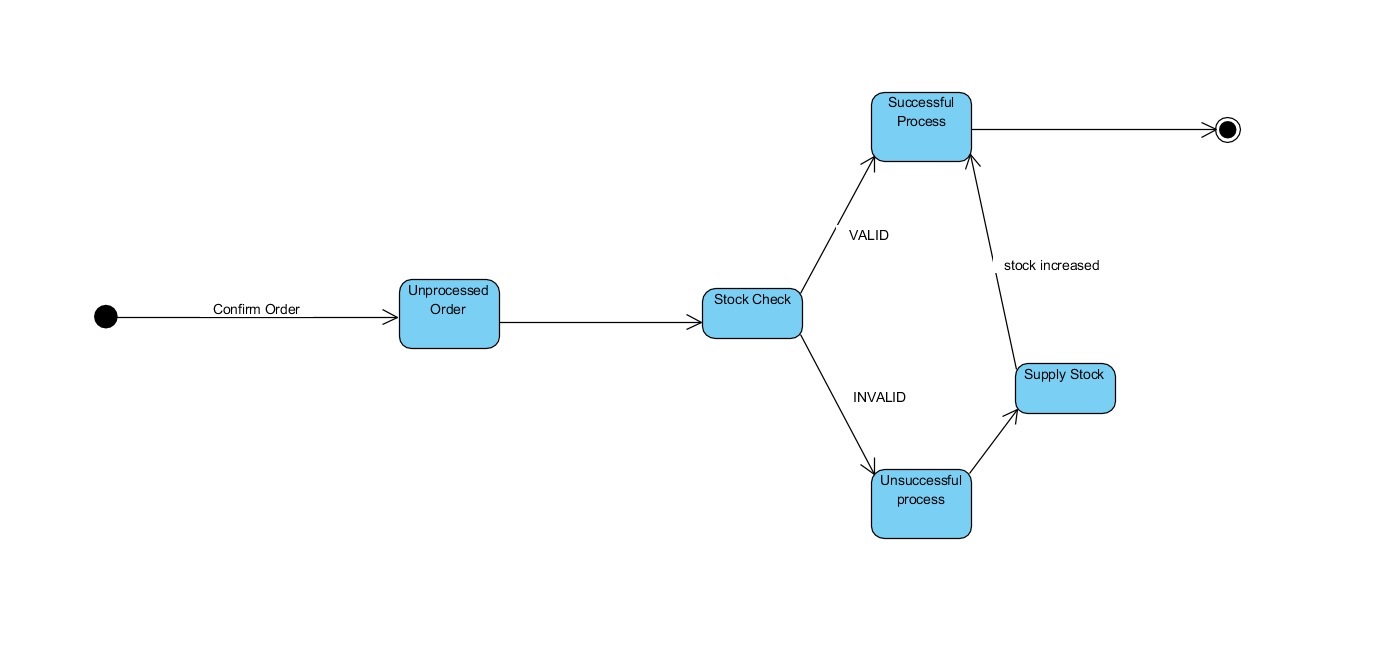
**State Diagram for The System**

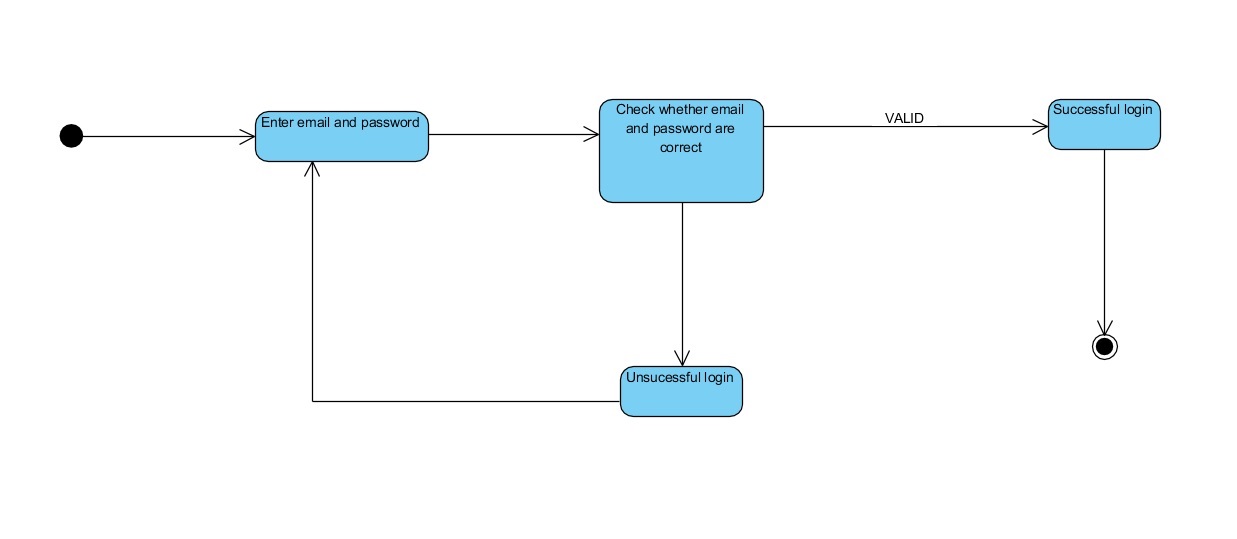


**State Diagrams**

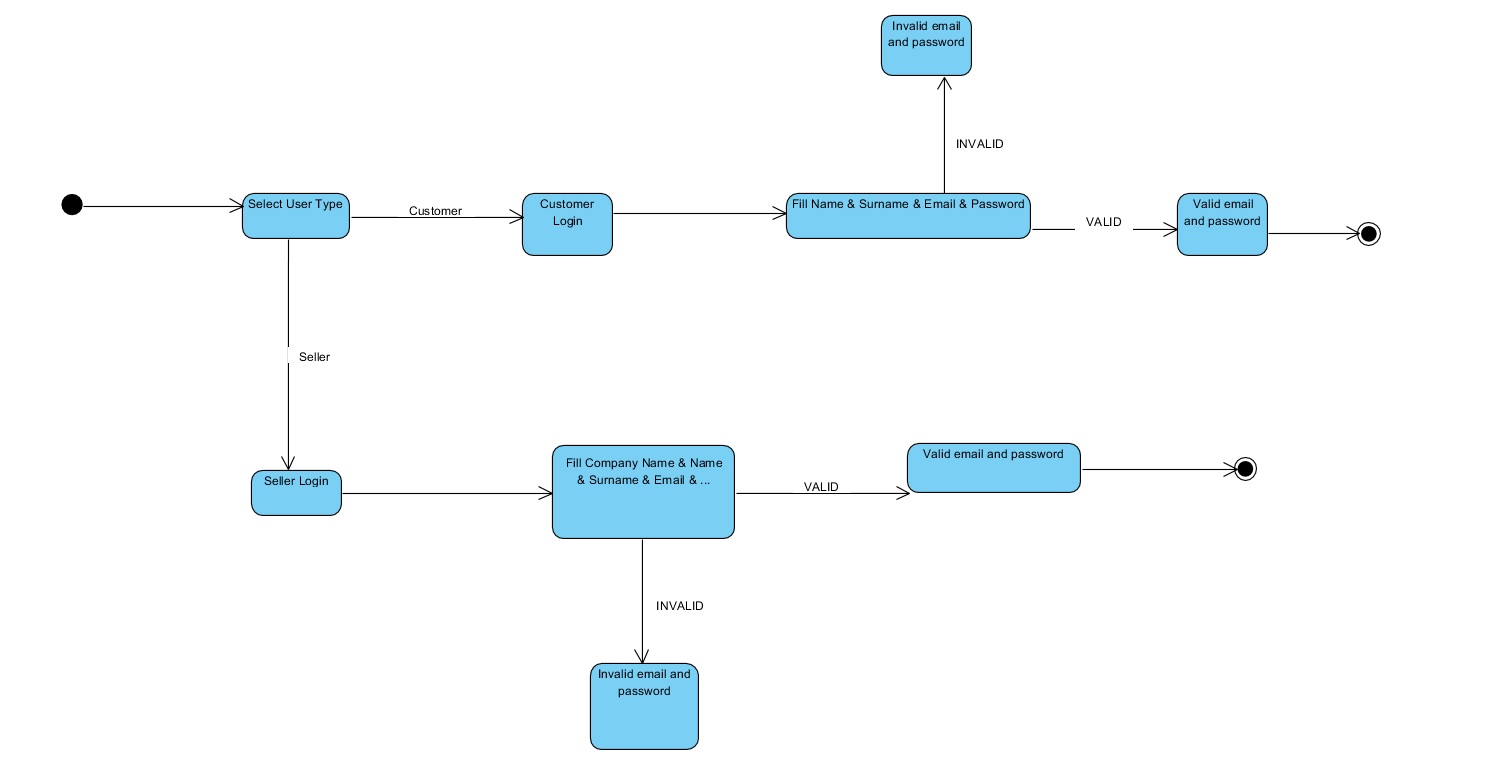
**-Confirm Order**



**-Login**

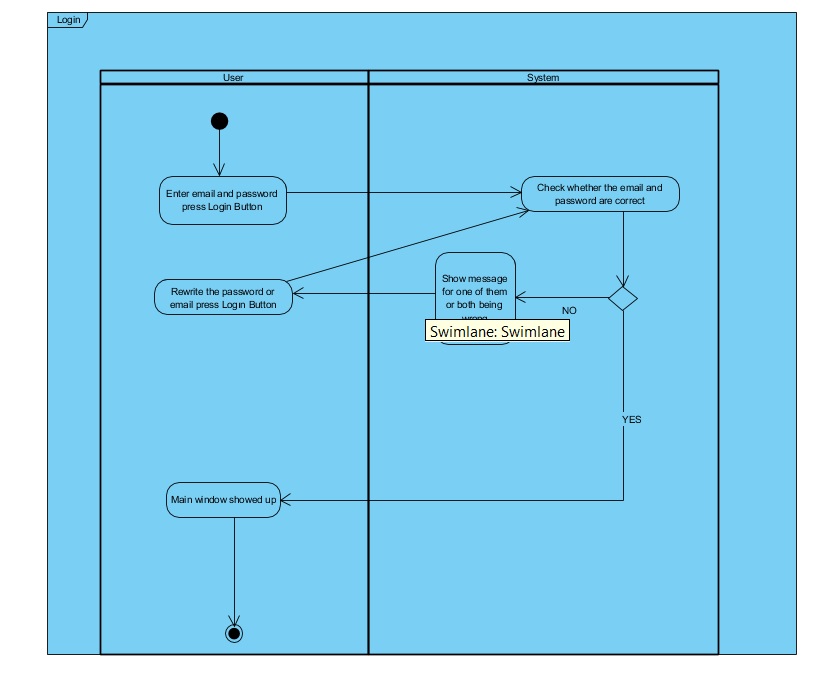


**-Sing Up**

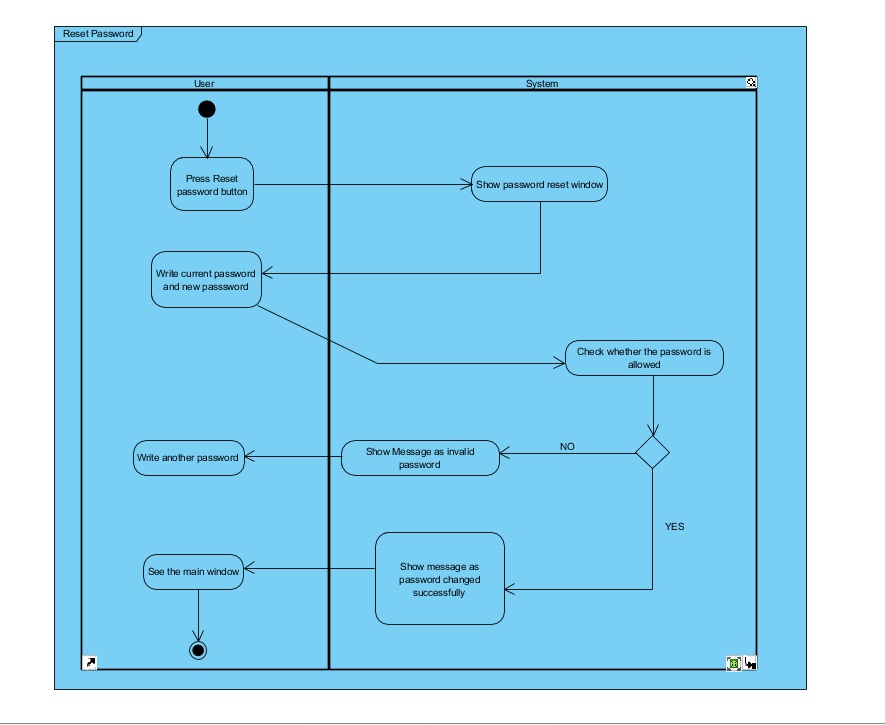


**Activity Diagrams**

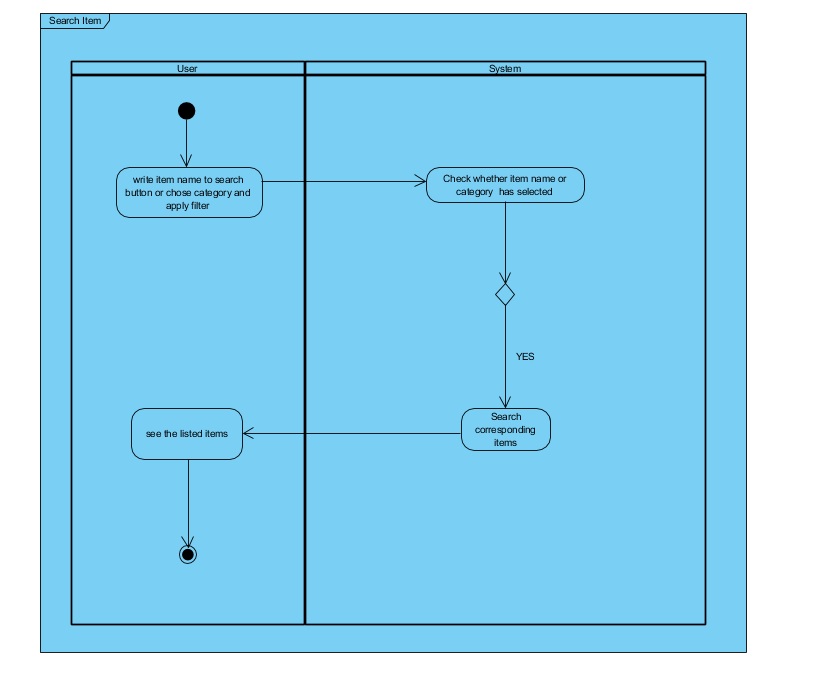
**-Login**



**-Reset Password**

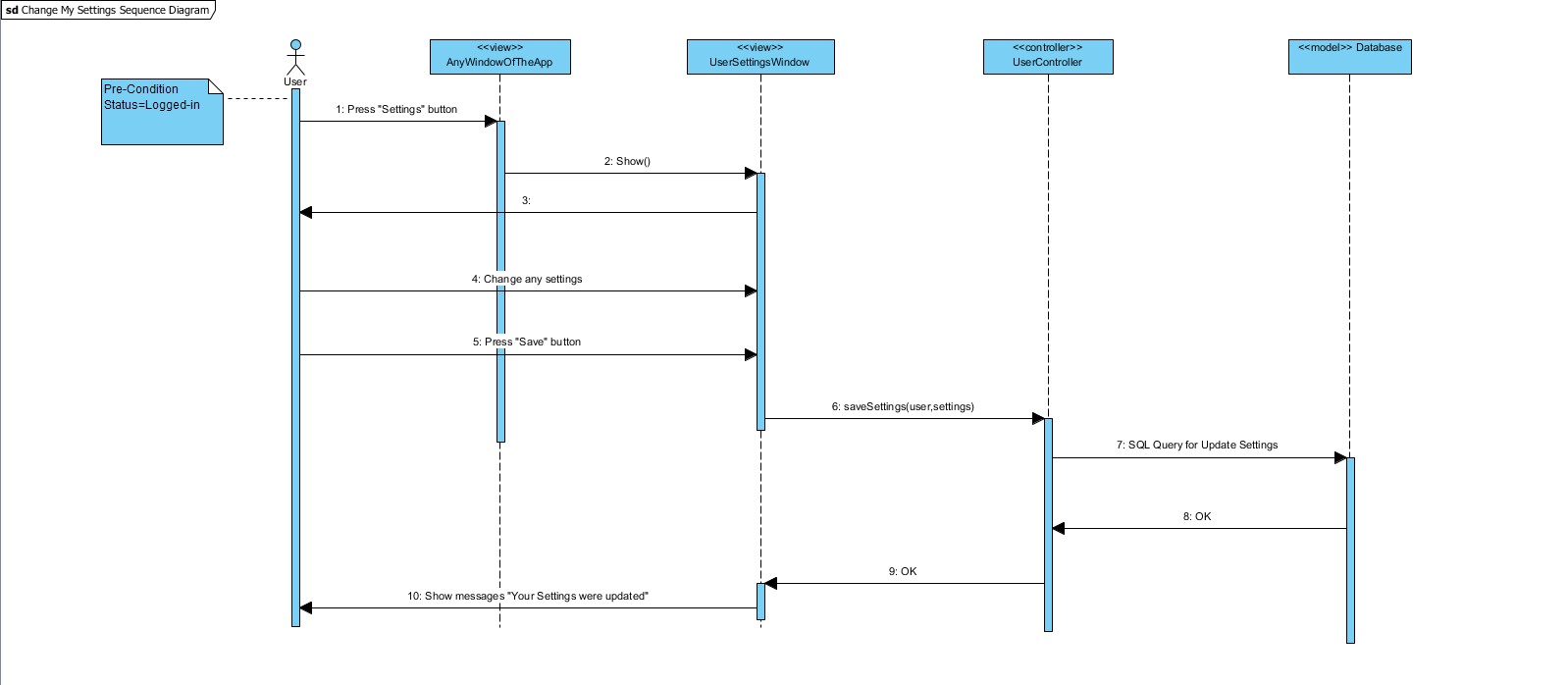


**-Search Item**

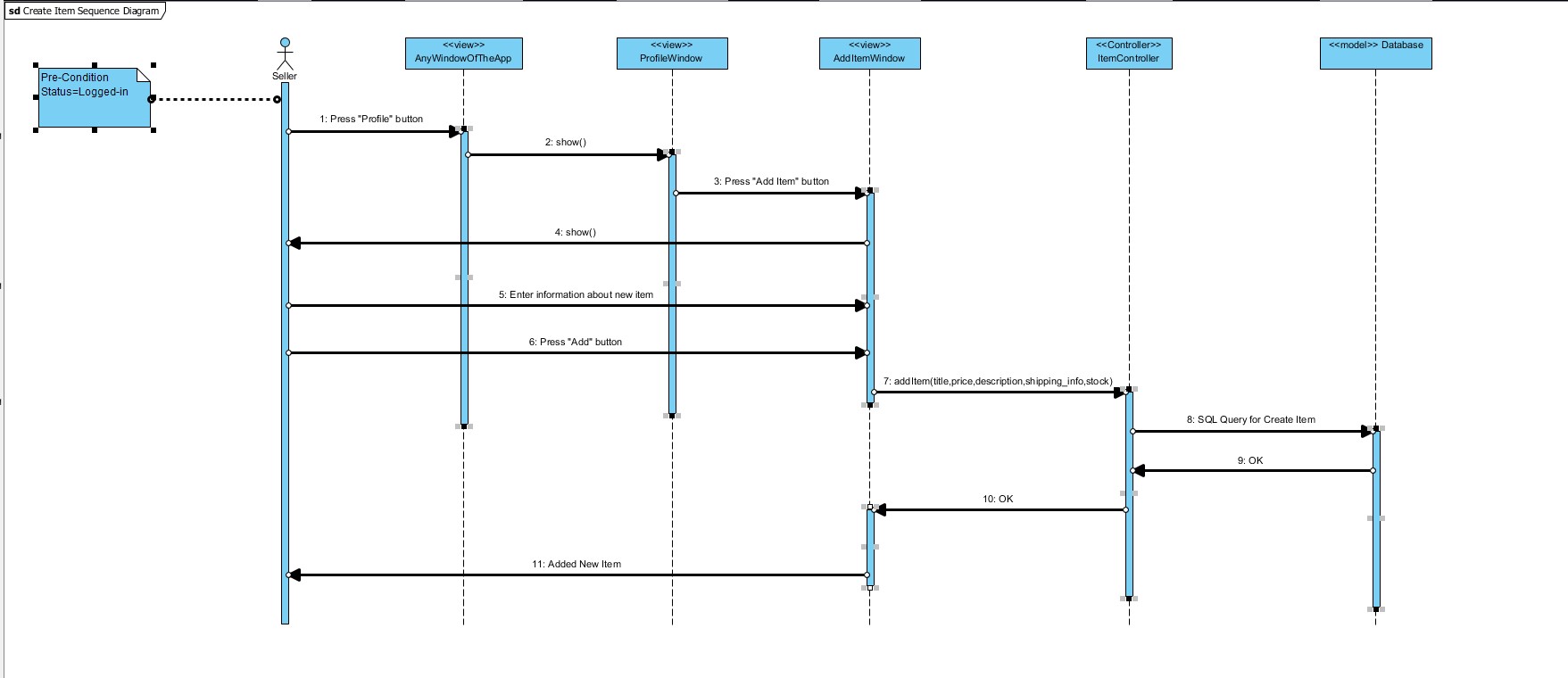


**Sequence Diagrams**

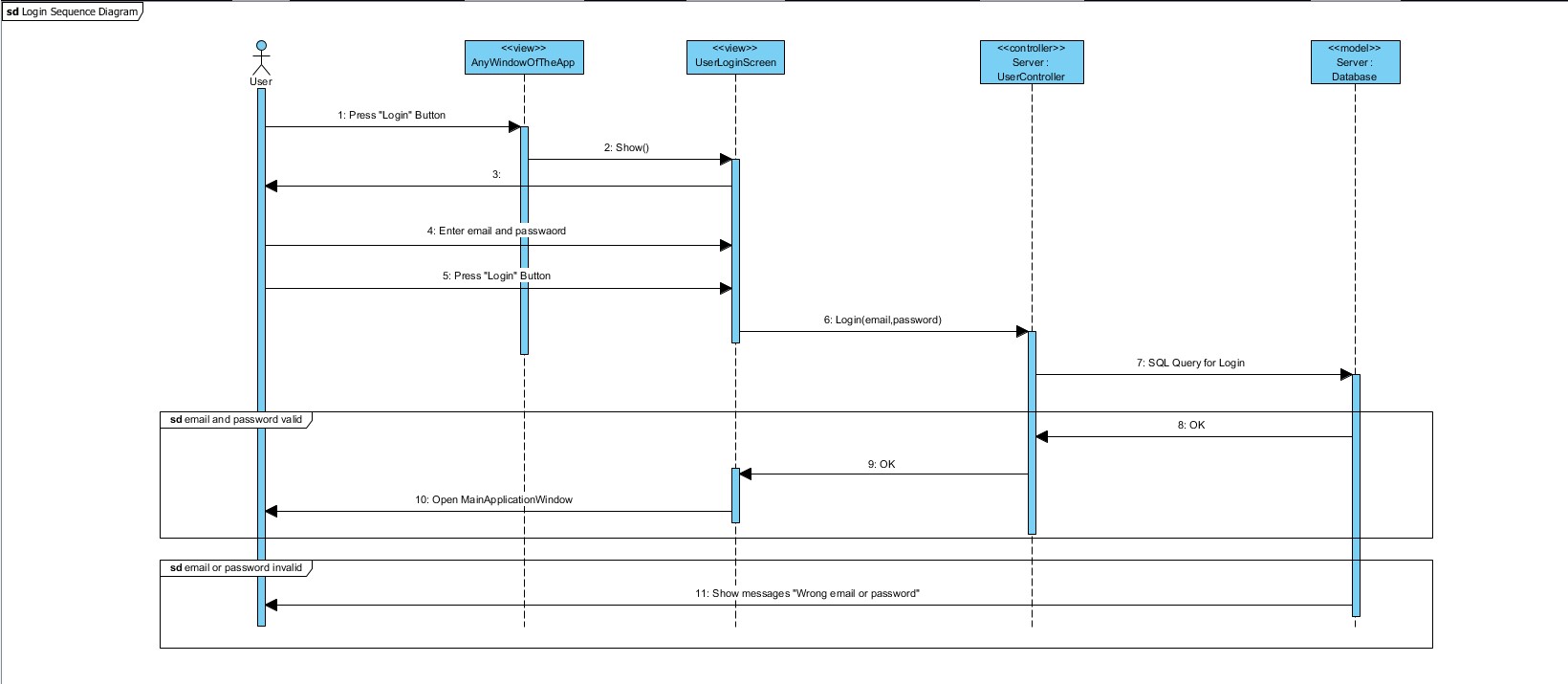
**-Change My Settings**



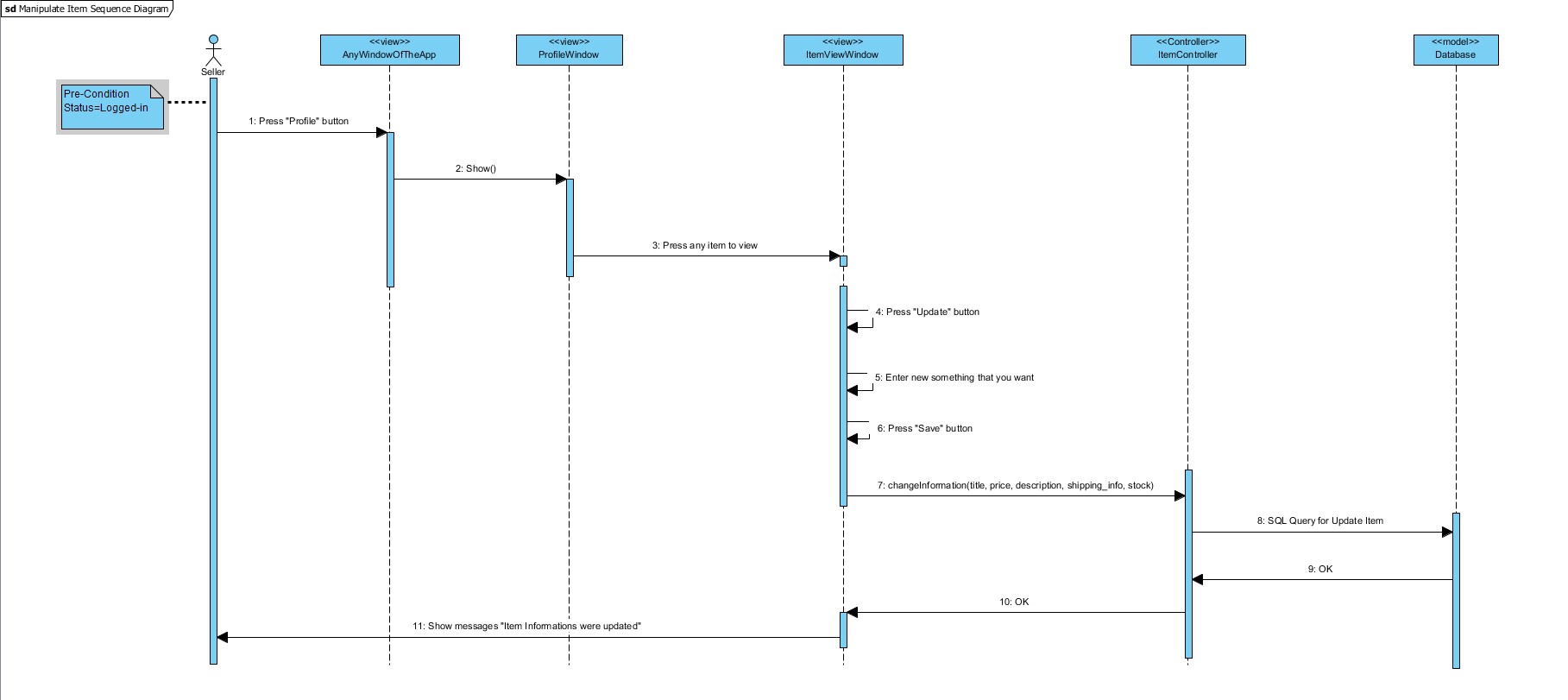
**-Create Item**



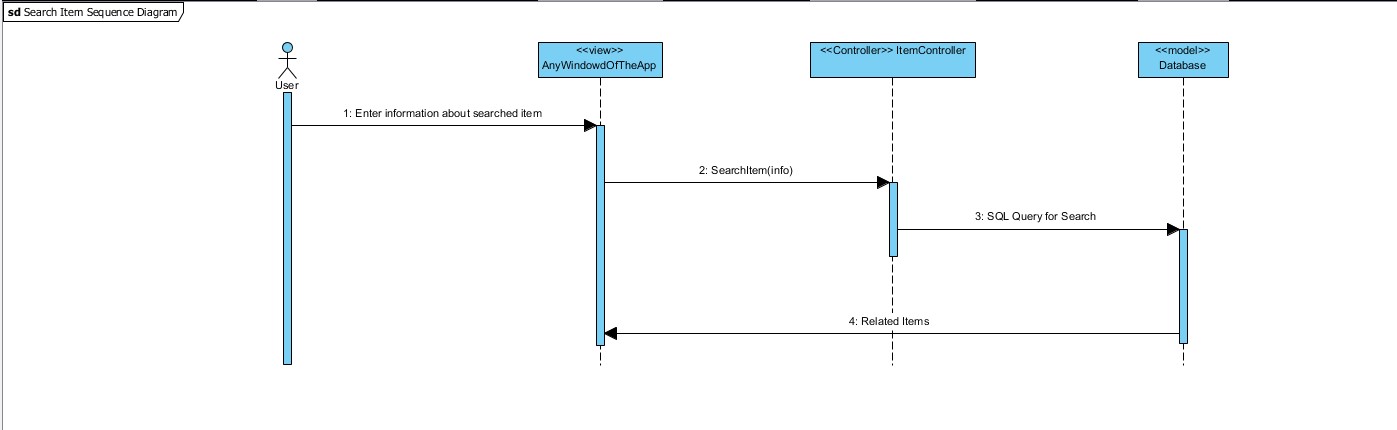
**-Login**



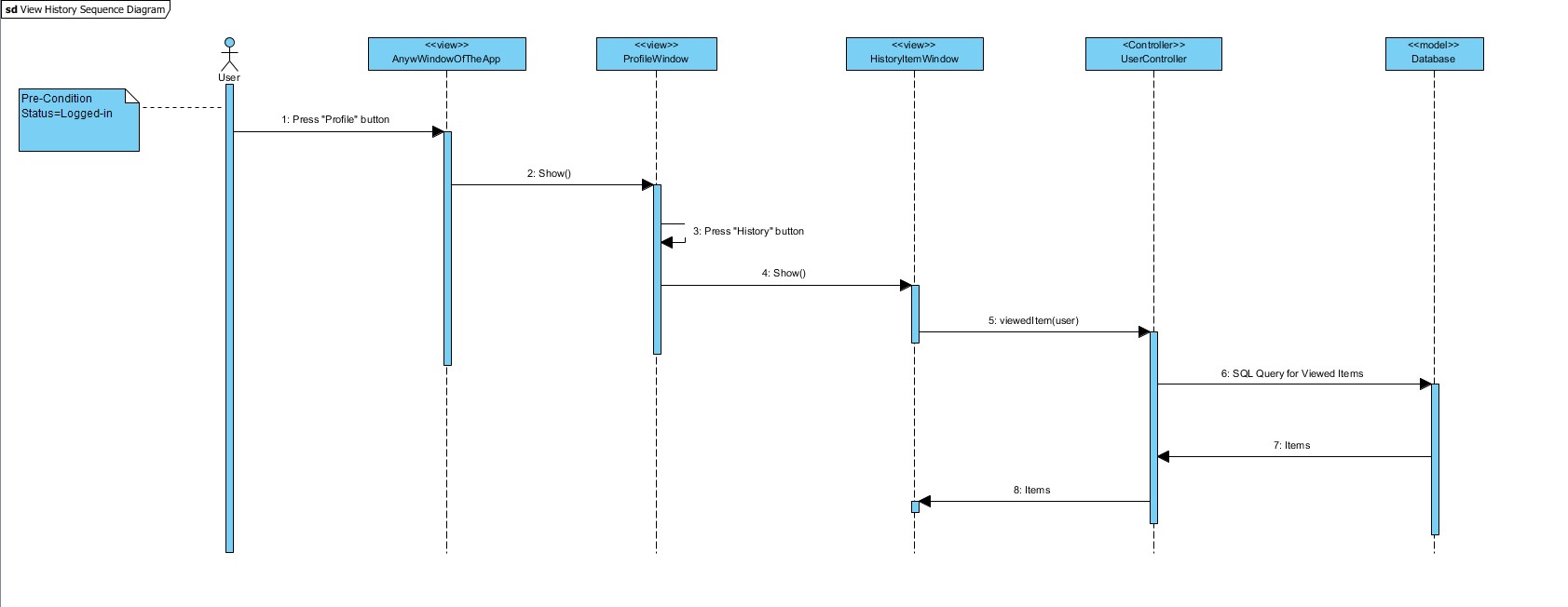
**Manipulate Item**



**-Search Item**

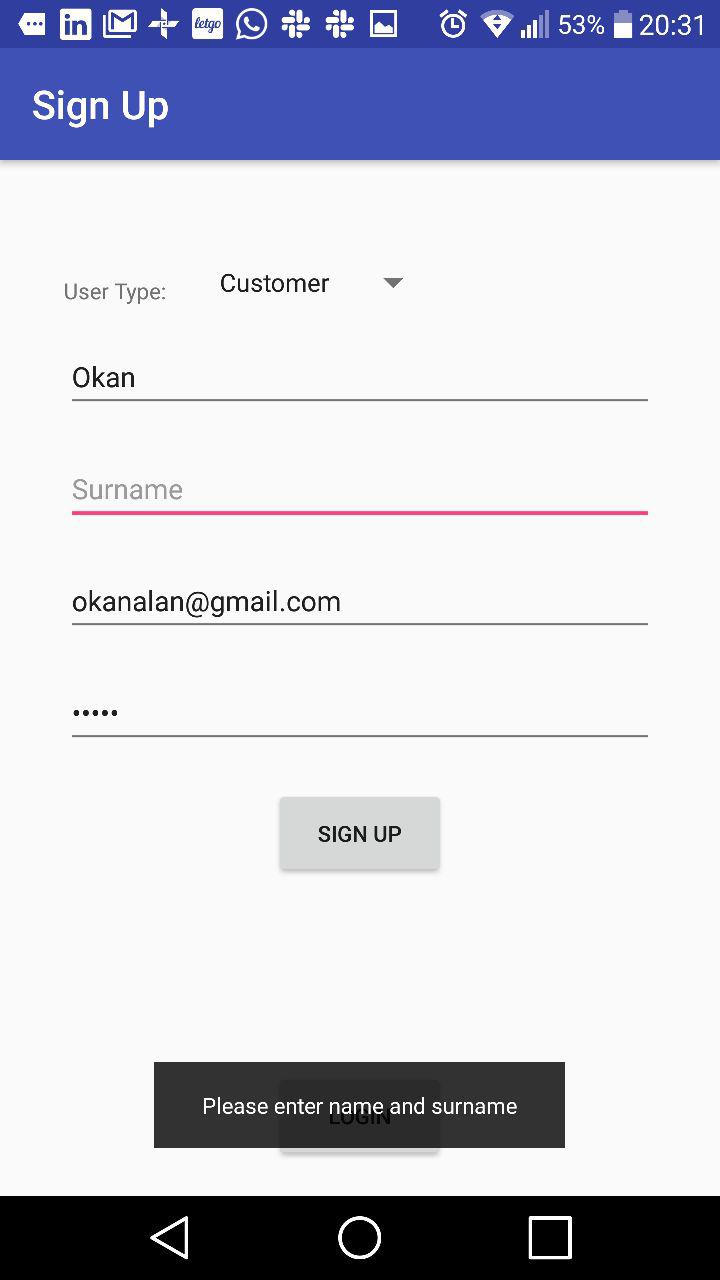
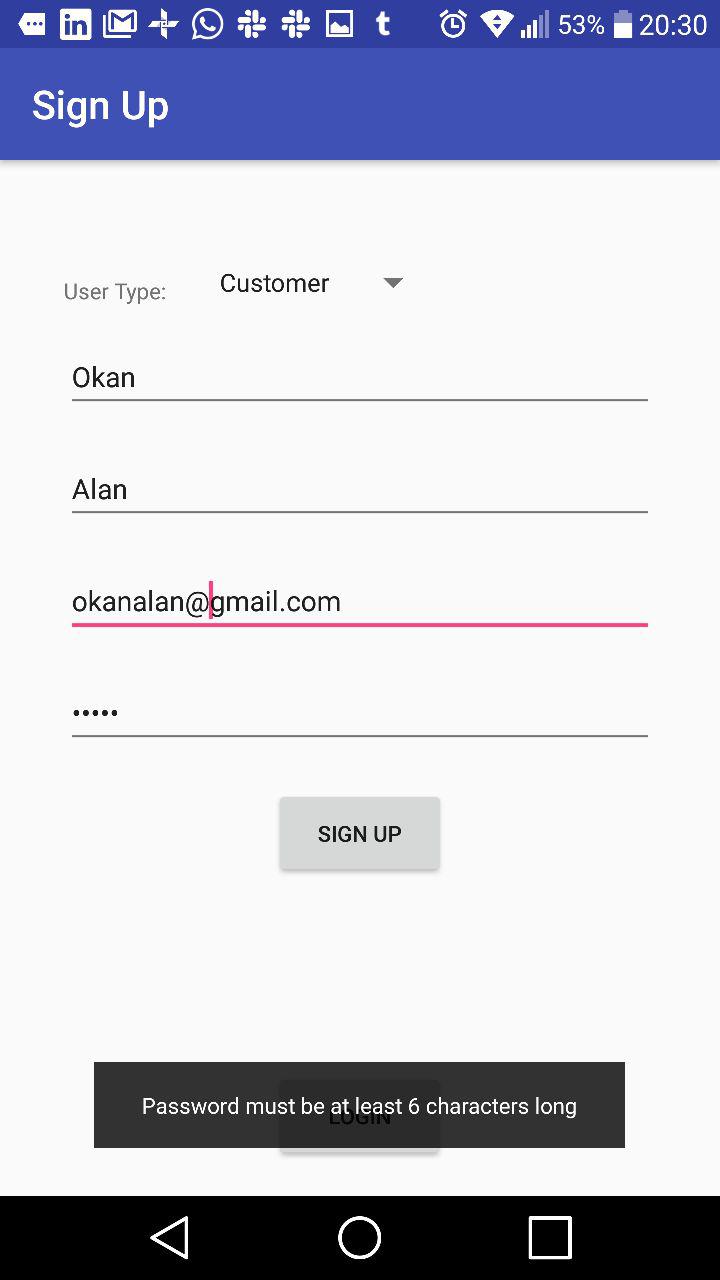
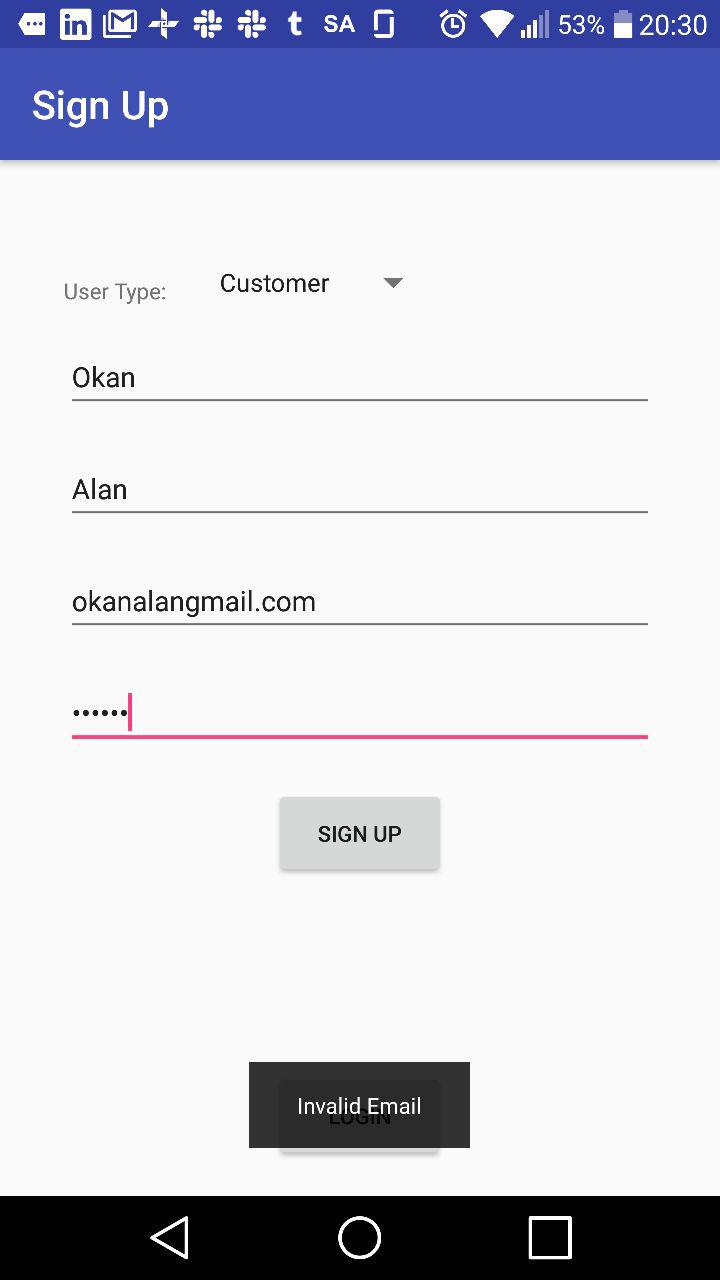


**-View History**



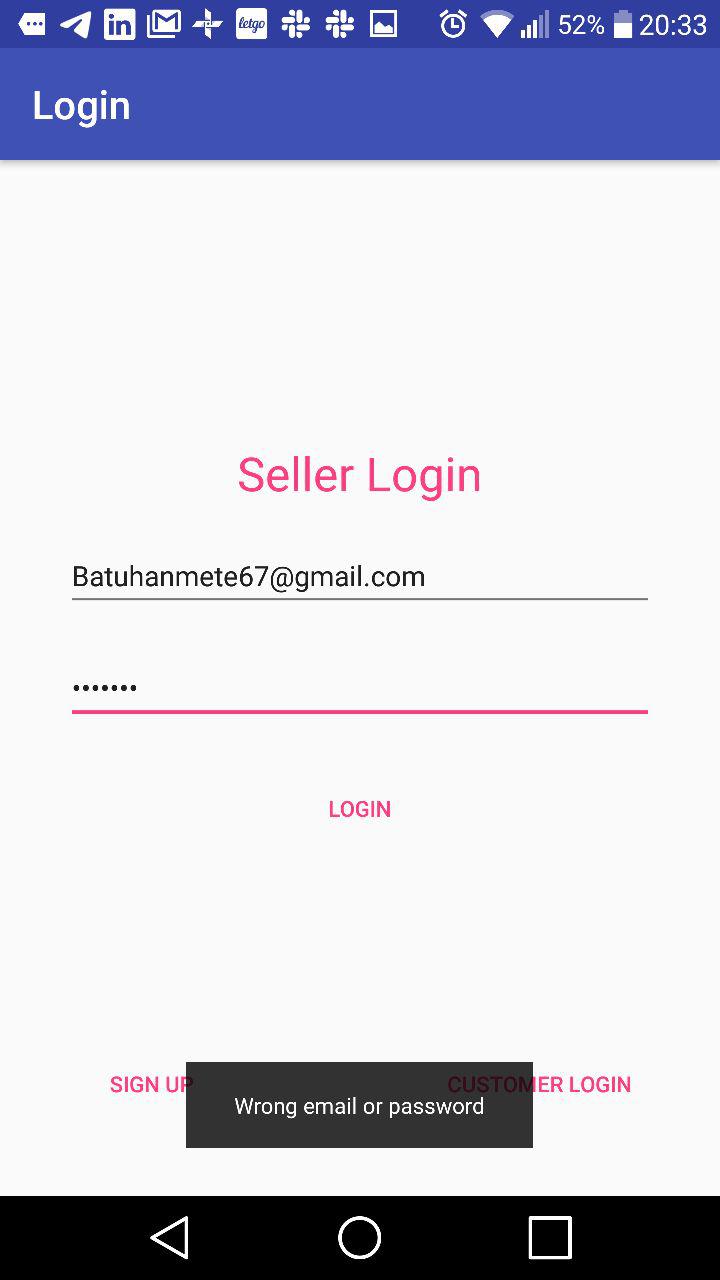
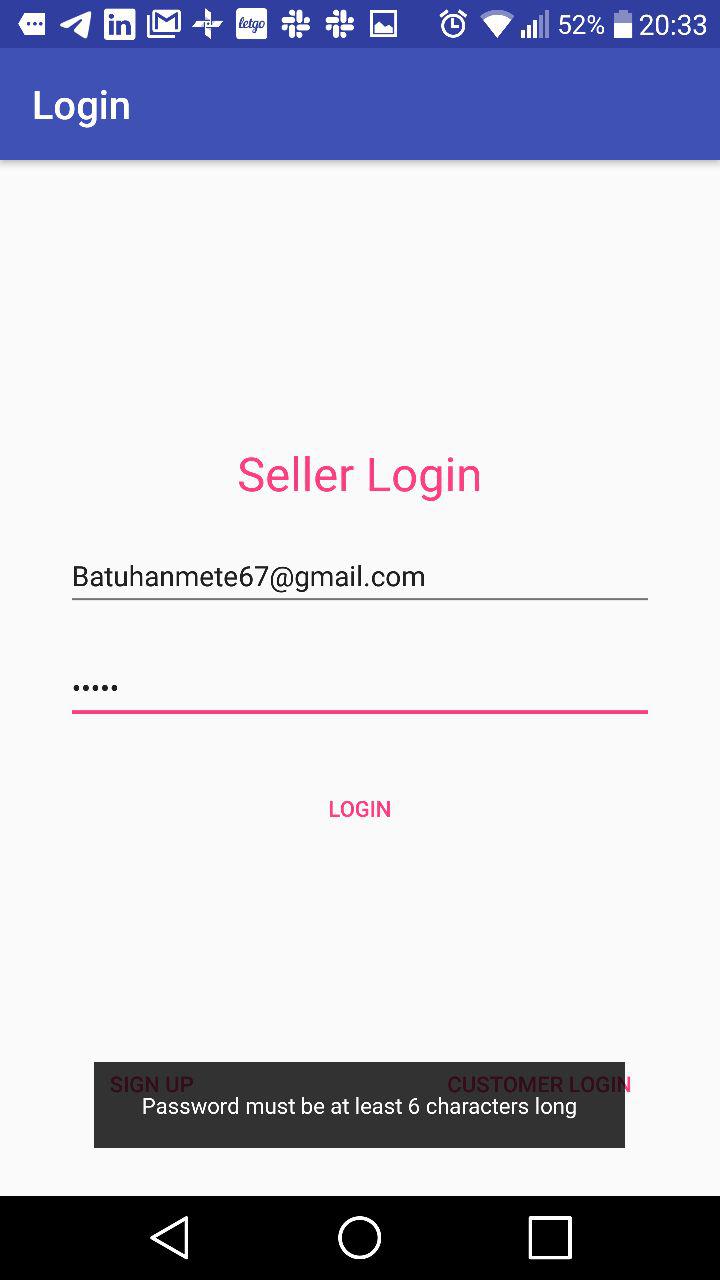
**Error-Success**

**-Sign-Up**



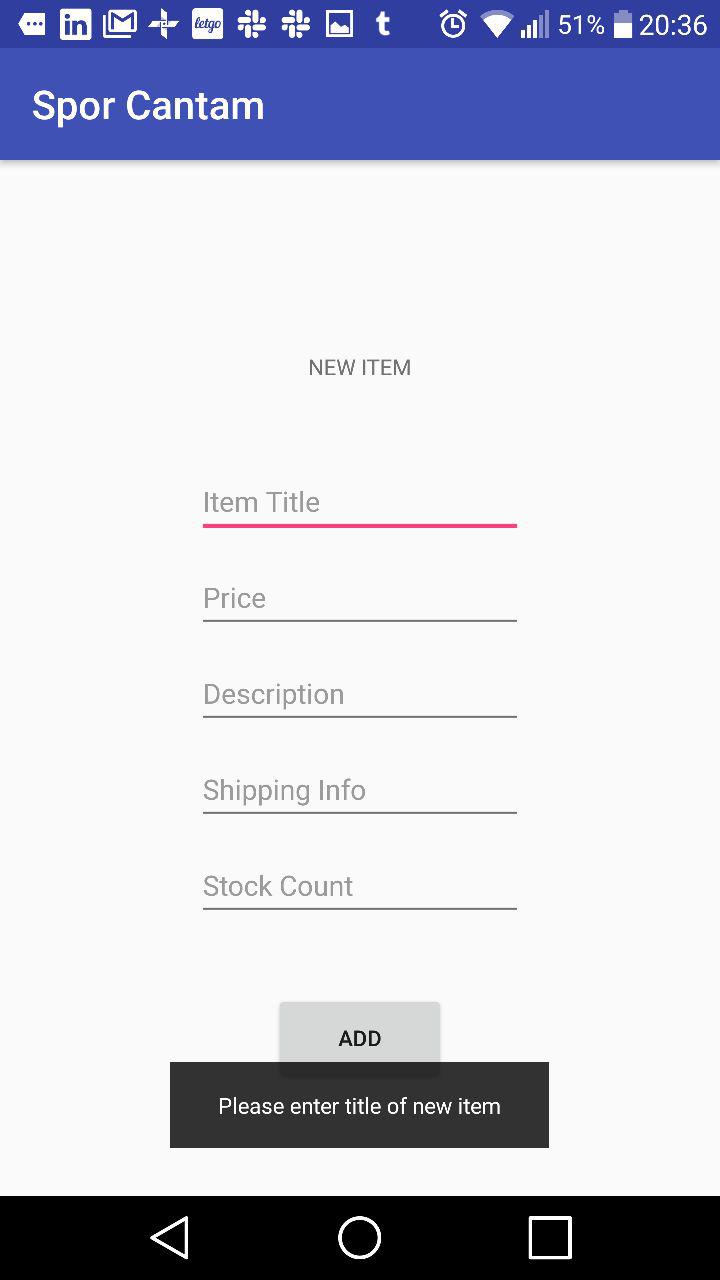
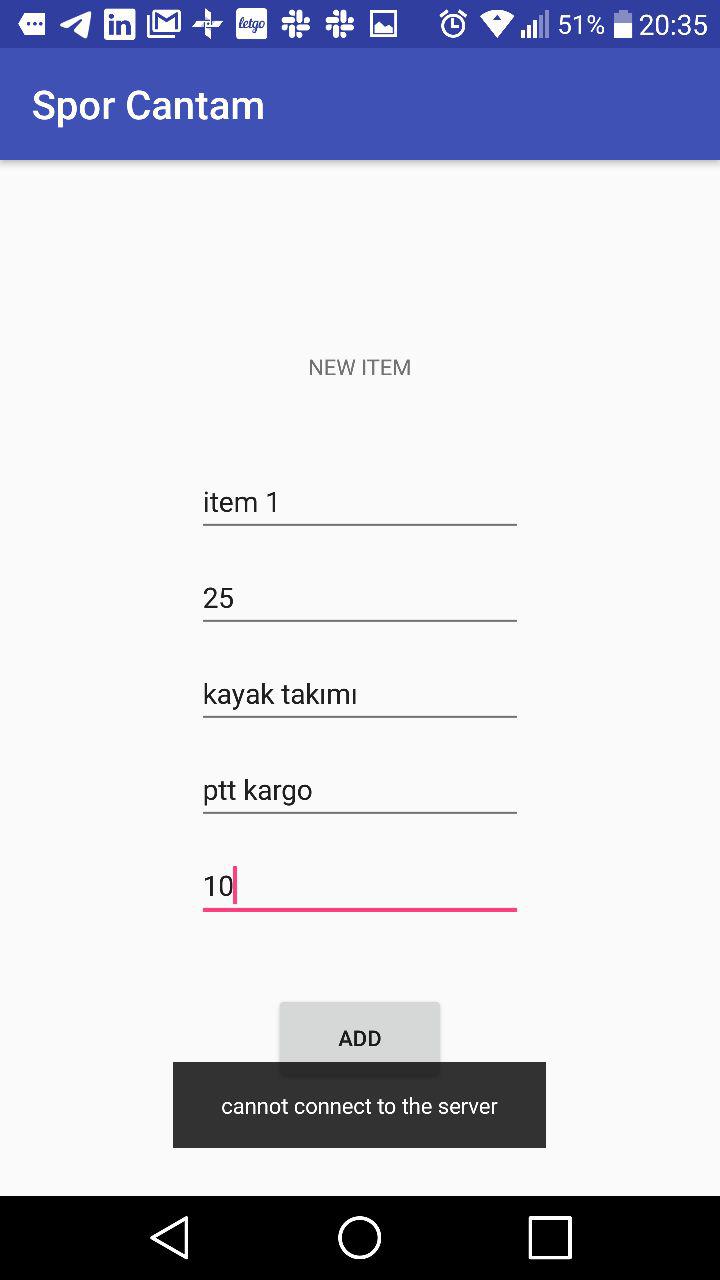
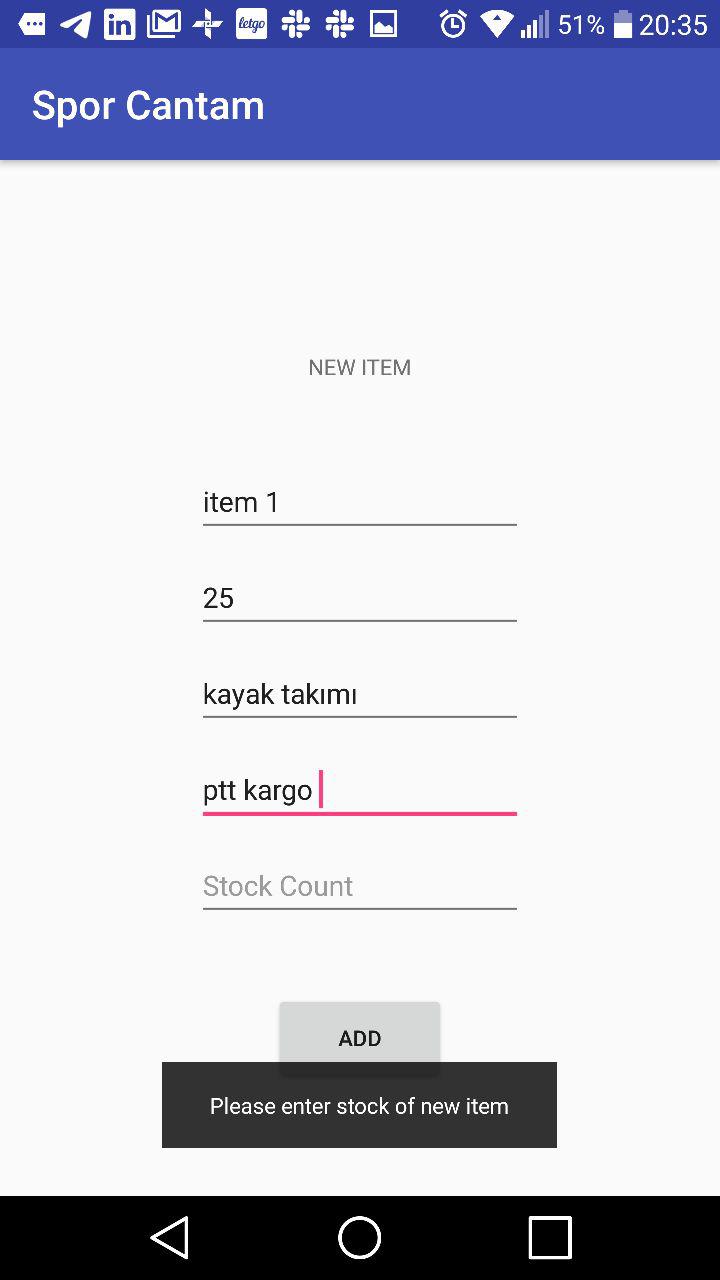
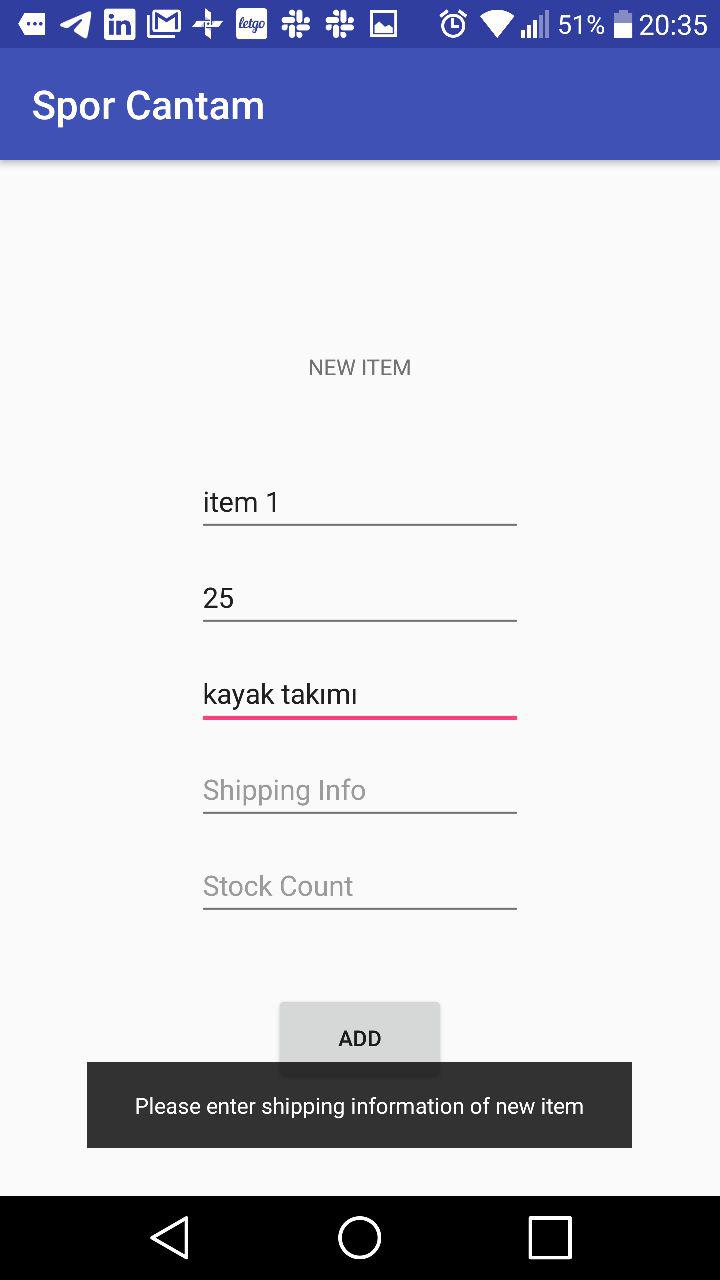
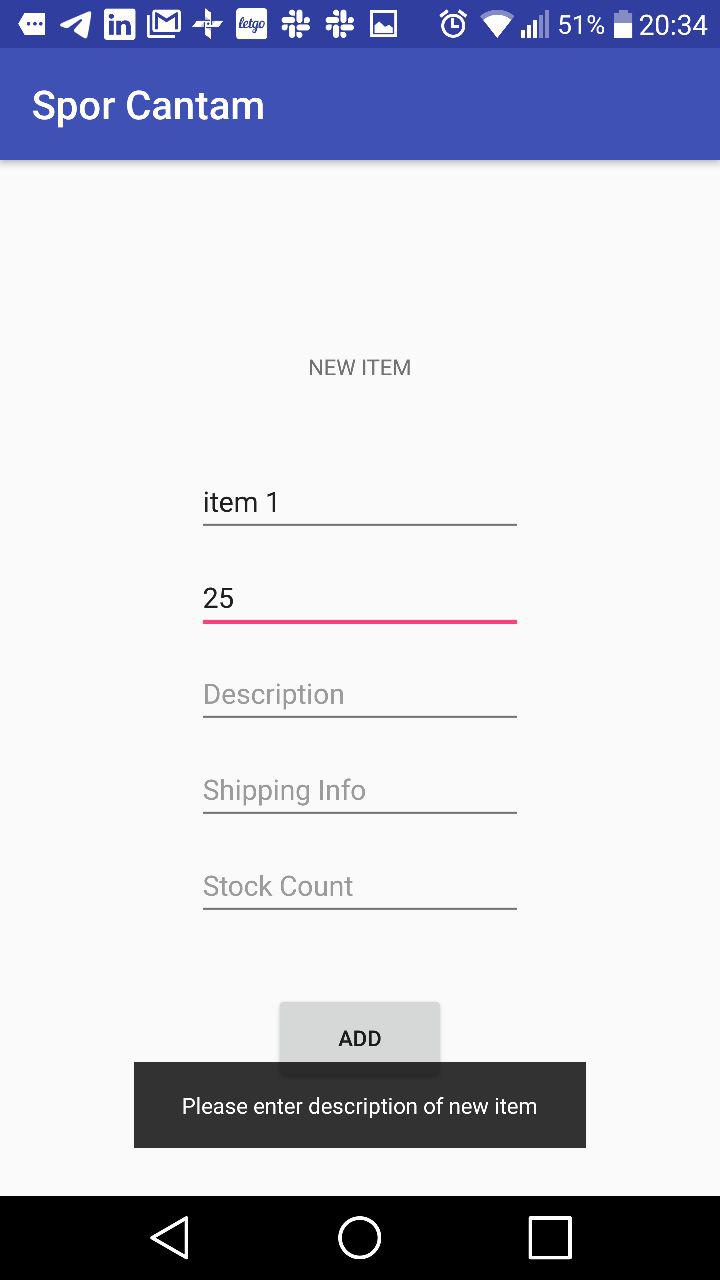
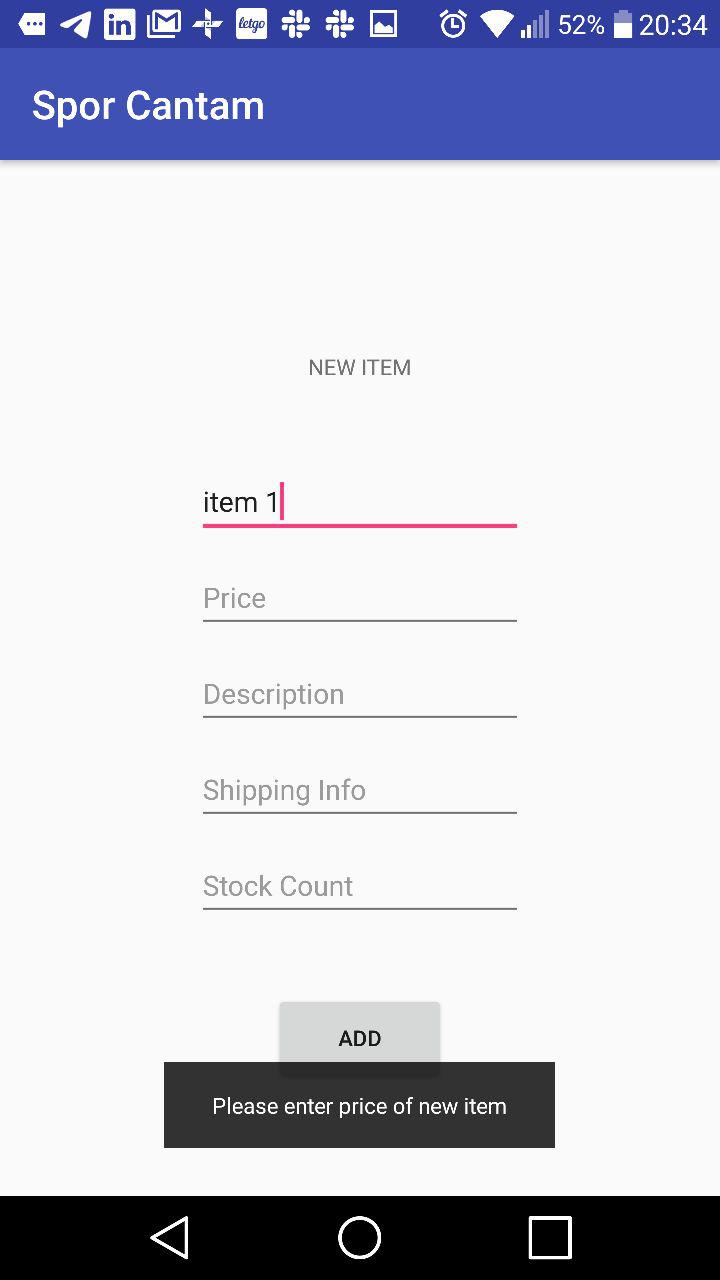
* If you write correct format informations, you will redirect to login page so there is no success toast.
* We check email field with regex.
* All fields take digit and letter.

**-Log-In**



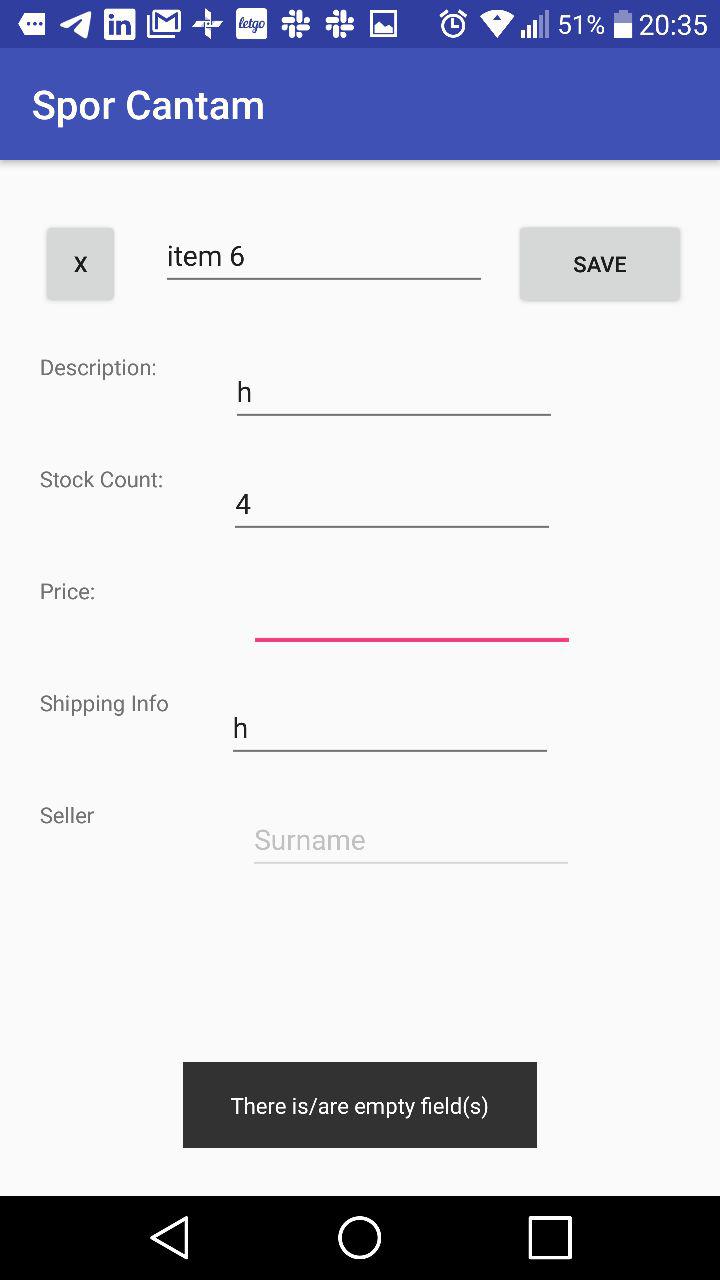
* If you write correct format informations that are registered, you will redirect to Main Applicaton Page so there is no success toast.

**-Item Create**

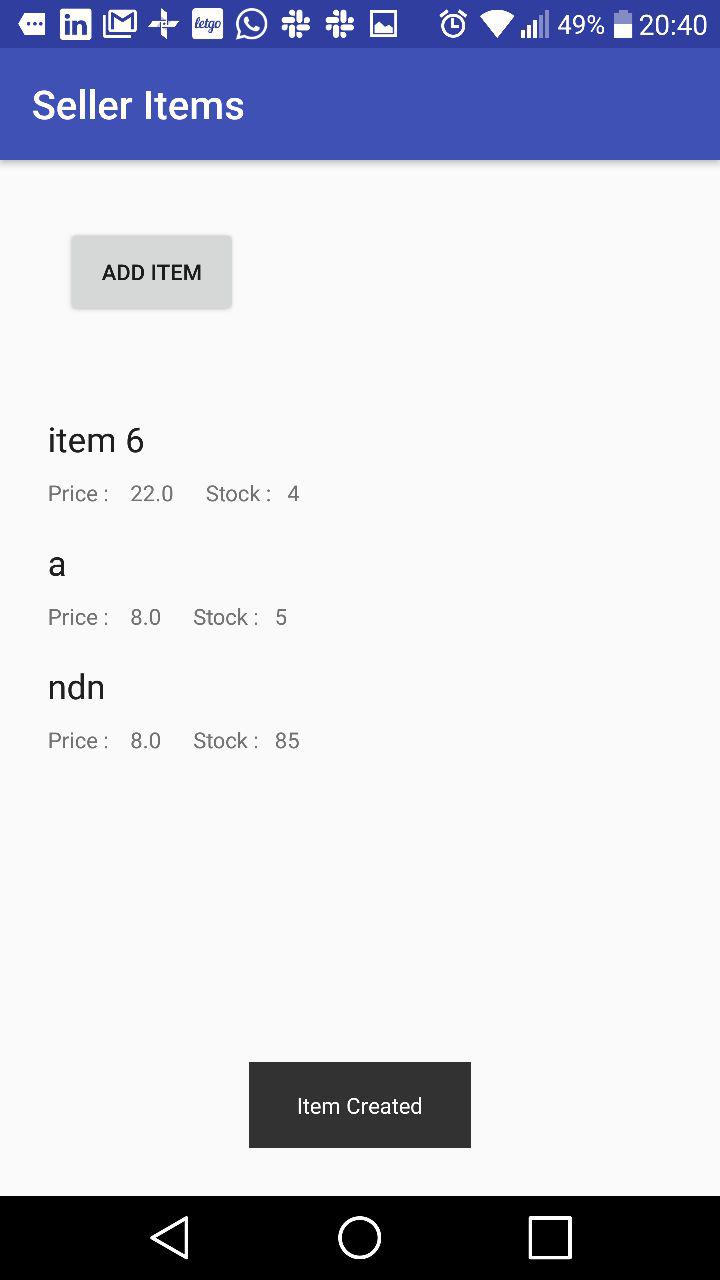
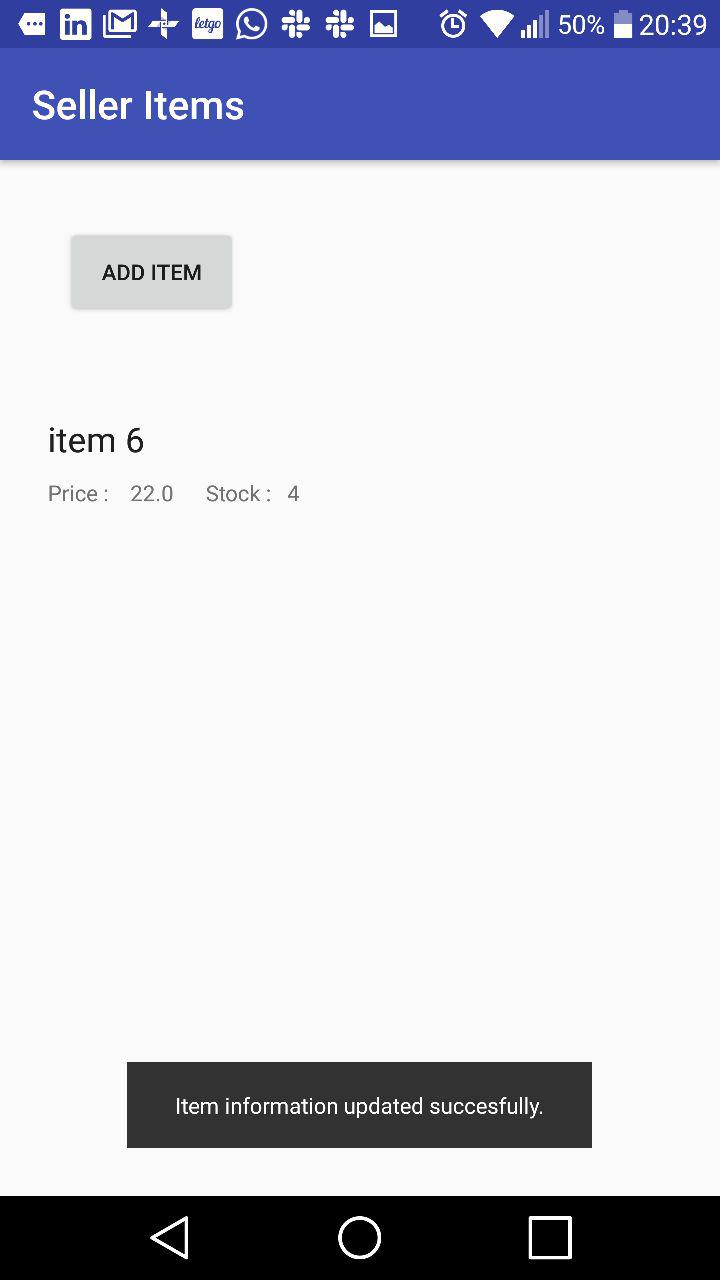


* If any place is empty, error toast will occur correlated with the empty place.
* Price and Stock Count are fields that take the only digit, therefore, anyone cannot enter letters.

**-Item Manipulate**



* The controls here are the same as in “item create”.



* These are occured after item manipulated.