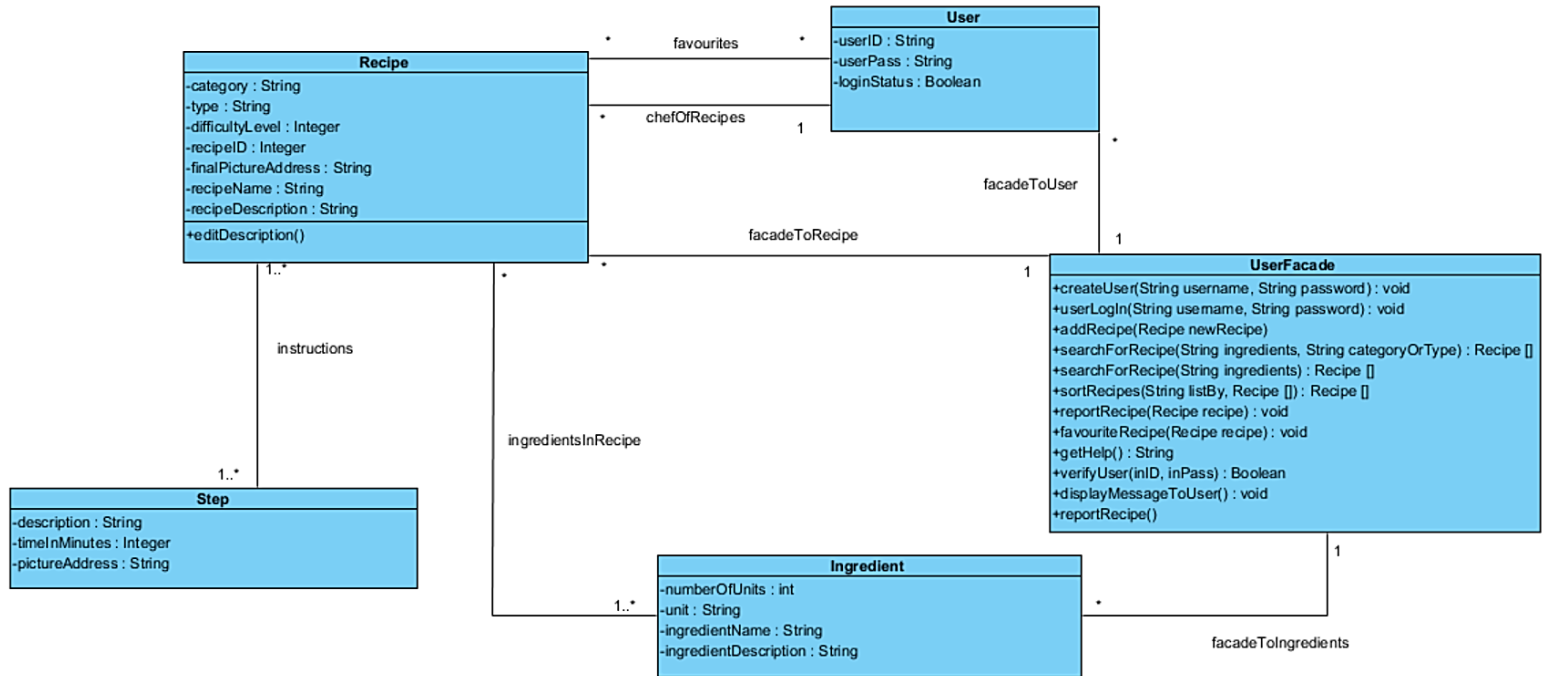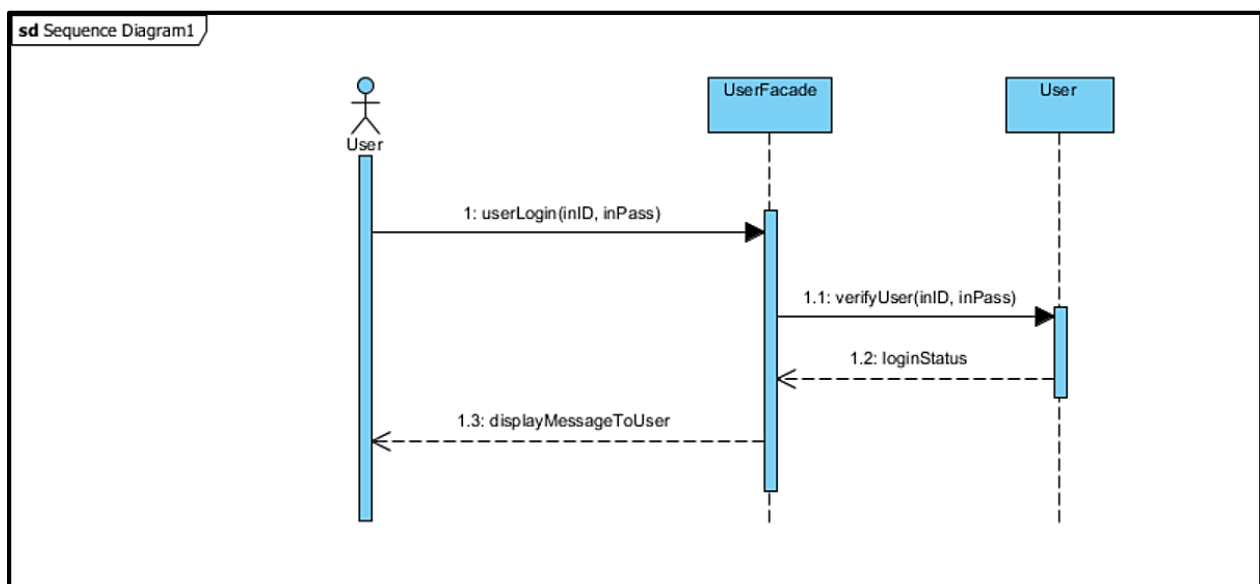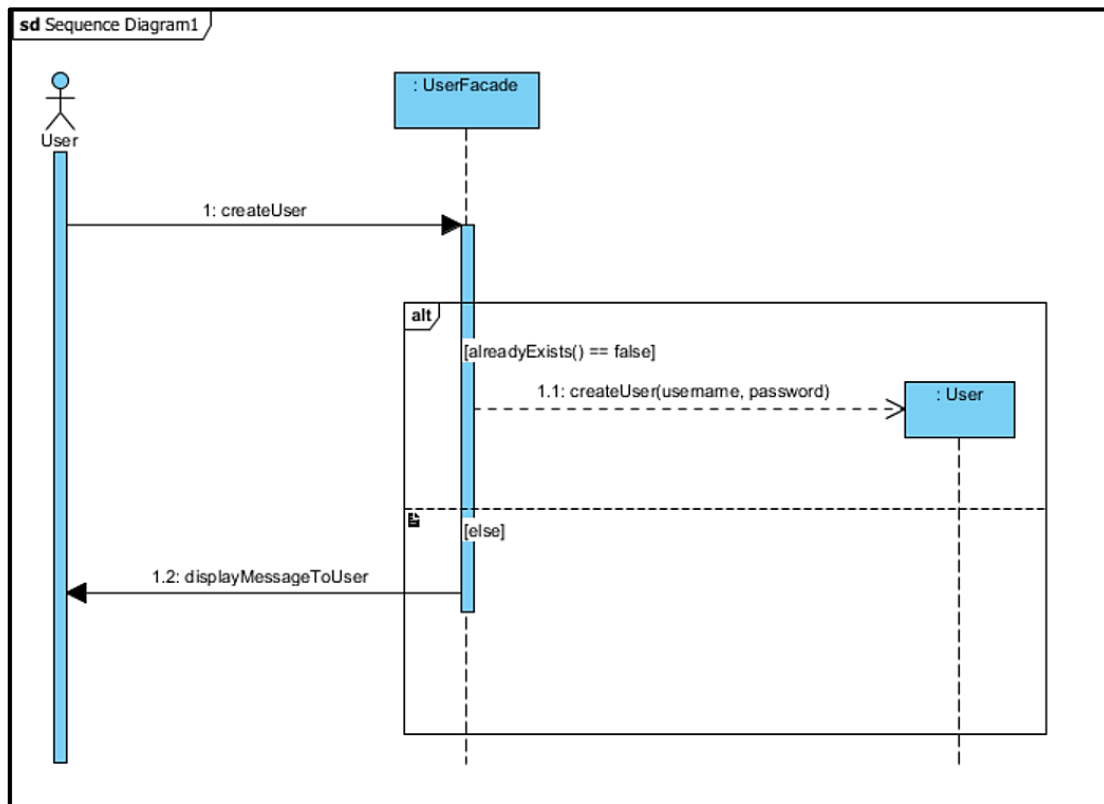# Deliverable 2: UML diagrams.

//Students: Rawaz Kader Kahraman, Yiyang Jiang, Joshua Qiu, Junjie Chan, Linyang Zhang.
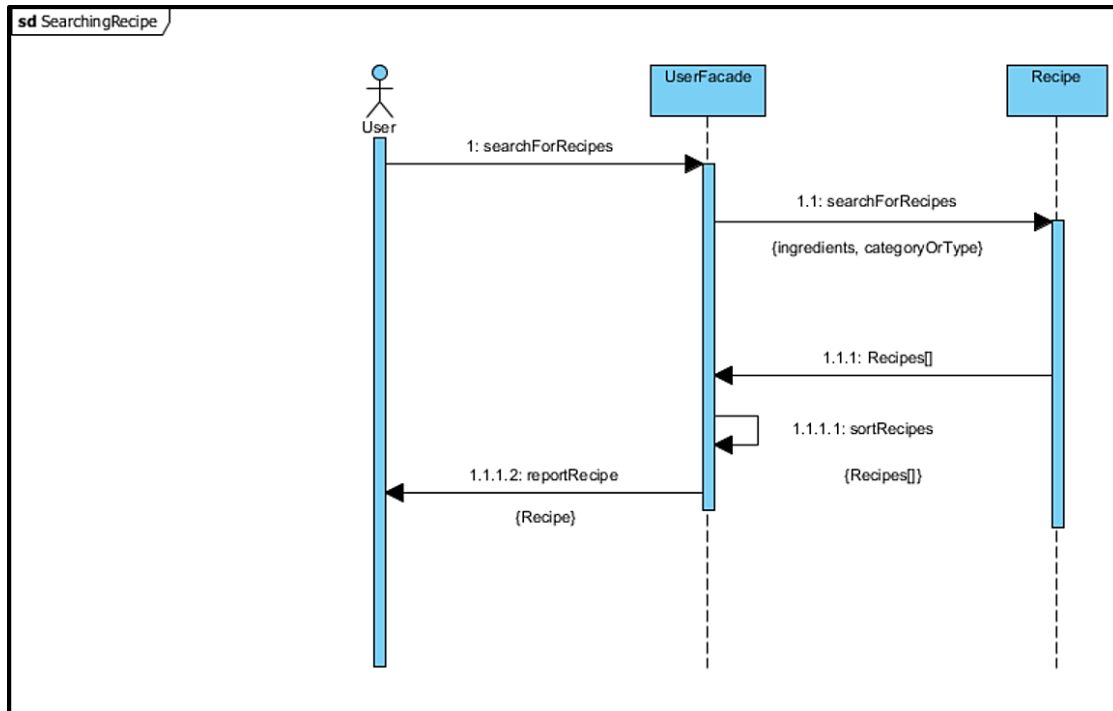

First, figure 1 displays the UML class diagram for the domain model. Many of the operations listed here appear within the following sequence diagrams.
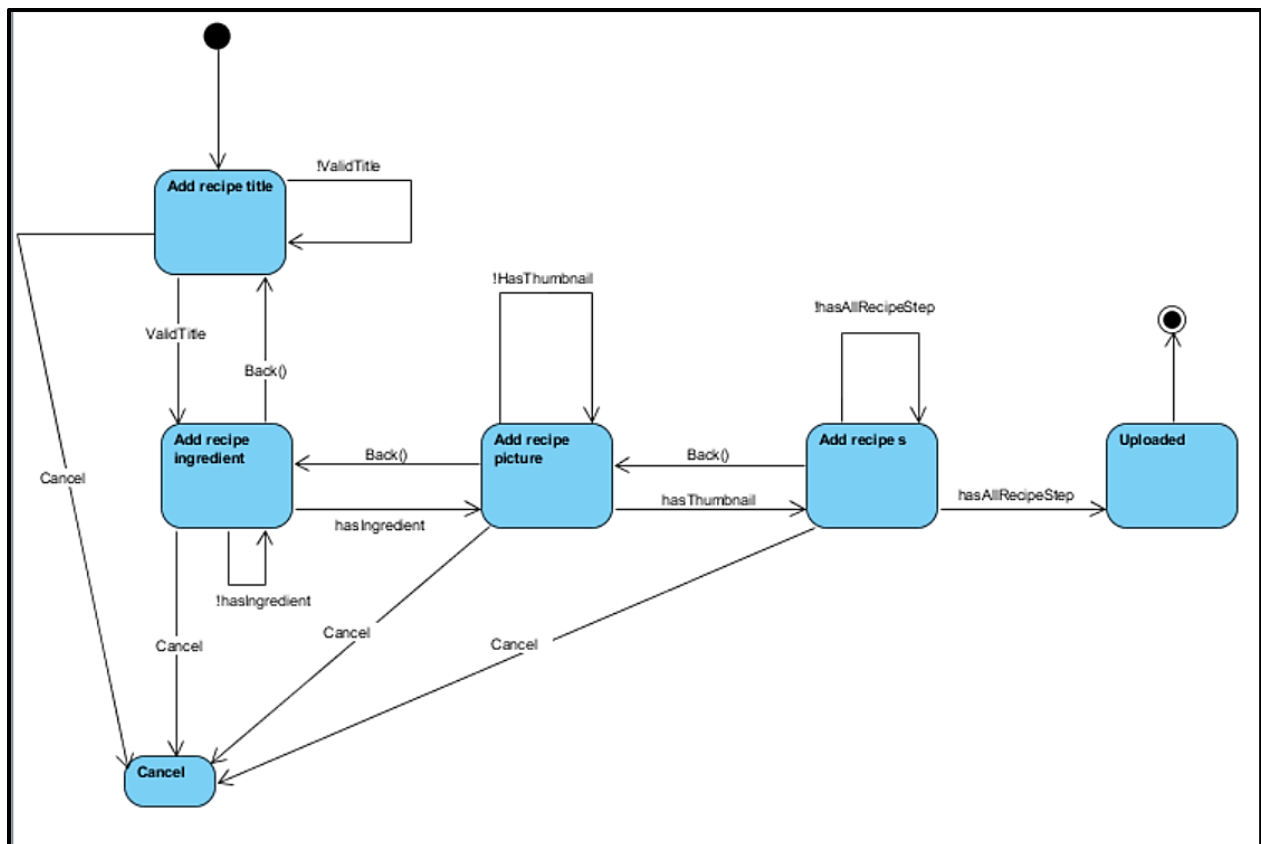
Next, we have a sequence diagram describing the first use case shown in deliverable 1, that is the login of a user into the system.

The third diagram is a sequence diagram of the registration use case, which is the second case shown in deliverable 1.

The final sequence diagram shows the search use case, which displays the operations leading up to searching for a recipe.

The last diagram we have is of the state machine. Here, it describes the creation of a new recipe. It checks if a valid name is given, if there are any ingredients selected, if a thumbnail for the final meal is uploaded and if any steps are added.