In-Class Assignment 3 - Use Case Diagrams + Activity Diagrams + Class   Diagram

Team Members Contributed:
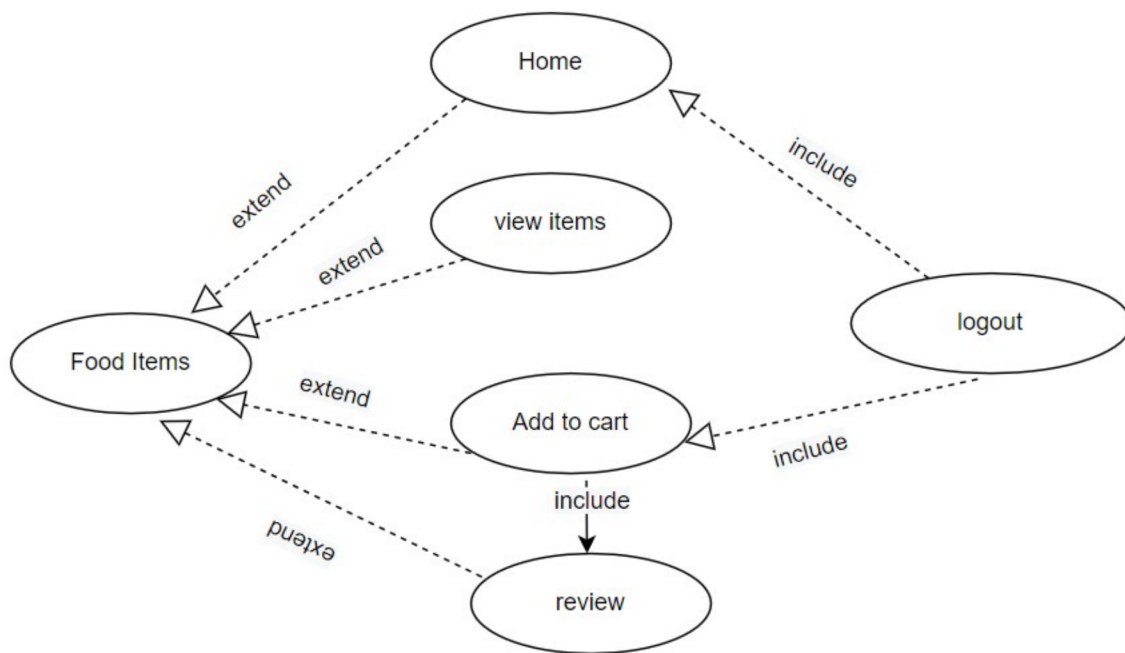
Anudeep Amara (G02495899)
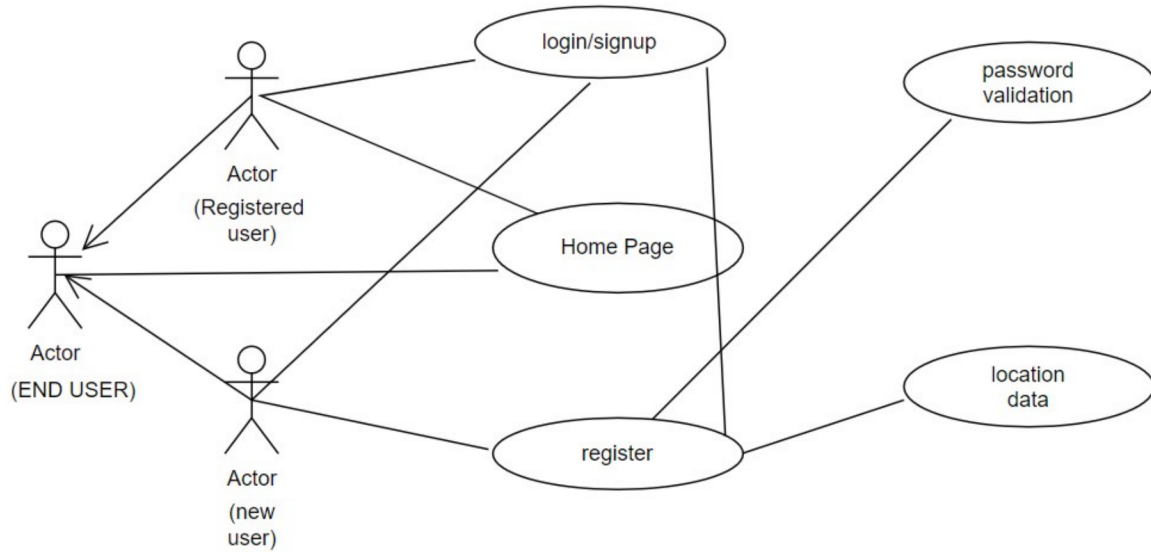
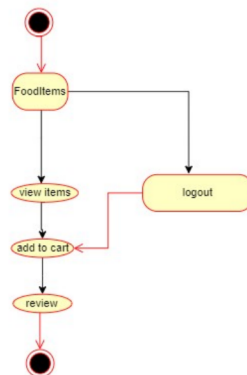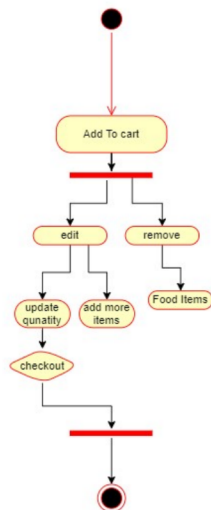**Ramya Navuluri (G02494845)**

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Project: Online Food Order Application system.

USE CASE DIGARAMS:

ACTVITY DIAGRAMS:

Use Case Description:

Overview:

This is a webpage of the food-based application. Where we can traverse from **Home** to Food items and then Redirecting to **View items** (Where will be viewing the items), **Add to cart**(Adding the items to cart),**Review** (Reviewing the Food Items),**Logout**(Can logout from the web application).

Relationships:

As mentioned in the above,

Home **extends** to Food items, where as extends can be defined as Directed relationship between two cases that shows the behavior of the use case.

Food items **extends** to view items, where as from food items we can select our desired menu from the cuisine

View items **extends** to Add to Cart, where as from view items we can add the food items to the cart

Add to Cart **extends** to Review, whereas from Add to cart we can do a review of the items what we have ordered.

Review **Extends** to Logout, where as after reviewing Logging out of the page will be the last option.

Event of flows:

Normal Flow: The usual set of activities that is performed between the initial home page and the next child page.

In the home page if we don't want to view up the home page we can be redirected to the food items through the extend activity

From the home page we can be selected to the view items page and if we don't find any relative items to our interest the view items can also be redirected to the food items page through the extend activity.

From the view items page the next page is redirected to the add to cart page after the items are selected and if we don't have any items in the cart, we can easily be redirected to the food items page through the extend activity

And after the add to cart activity if we do have any items in our cart and after the payment is done we can be redirected to the review activity and if we don't have any use of the add to cart activity we'll be redirected to the food items through the extend activity.