

BTH545 Lab 6

Learning Outcomes

- To recognize and capture the requirements for a user interface,
- To be able to write use case descriptions

Description

- You have been asked write the requirements for an online food ordering application. The application should allow:
 - Selection of restaurant from which to order,
 - Display of menu from the selected restaurant,
 - Specification of food allergies,
 - Filtering of menu items that do not conflict with specified allergies,
 - Purchase of 1 or more servings of menu items,
 - Modification of items which have been selected from the menu,
 - Specification of delivery address and time.
- You should write a series of use cases that capture everything that the user can do with the application. Even as you develop the requirements you should think beyond the basics described above and consider adding requirements that will increase the ease of use for the resulting application. You can discuss possible additions to the requirements or refinement of the requirements among your group members

In Lab (60 %)

You should create and submit 3 fully developed use cases using the use case template provided for you on Blackboard. These should be submitted as three files on blackboard with the group members clearly listed somewhere in the submitted files.

At Home (40%)

- Write one more use case that you had not developed in class. You should make every effort to make it perfect based on the feedback you got during the lab period.
- Write a reflection that addresses the following questions:
 - Why do we capture requirements as use cases?
 - Why do we need to indicate the pre-conditions and post-conditions?
 - How do you know when you have written enough alternate flows?

Submission

Submit documents containing your use cases and a document listing the group members. The reflection is due before midnight 2 days after the lab and should contain the use case, reflections and a list of the group members.

