

Project Phase 0

Last updated: Tuesday 13 Oct 2020
Due: Monday 26 Oct 2020

This assignment is to be submitted through the web interface of MarkUs by 11 pm on 26 Oct 2020. You are submitting CRC cards for the following specification. For each class you will type the:

- Class name
- Description of responsibilities
- List of collaborators (classes on which this one depends)
- Layer of Clean Architecture to which the class belongs

You do not have to draw a box around them to look like cards, but you can if you want.

Alternatively, you are welcome to write out your CRC cards by hand and submit a photo or a scan of them. If you do this, please make sure the lighting and your handwriting make it easy for us to read.

Your cards should include Entities, Use Case classes, and Controller classes. You do not have to include Presenter or Gateway classes. Your CRC cards should not include the User Interface (UI), anything outside of your program, or anything that is built into Java (for example IOException, ArrayList, etc.)

Project Domain

Phase 0, Phase 1, and Phase 2 of your project will pertain to a program that organizes a tech conference, where there are organizers, speakers, and attendees. Each speaker gives one or more talks. Organizers decide when and where the talks will take place. Attendees can view the schedule of talks by time, title, or speaker. They can sign up to attend at talk, network with other attendees, and do a number of other things that will be announced later. (Some of this is Phase 1 functionality. Please see below for the part that is specific to Phase 0.)

Phase 0 is a much smaller version of this program. Phase 1 will be a working back end and text UI for this program. Phase 2 will add extra functionality to the Phase 1 code base, some of which will be mandatory, some of which you can choose from a list, and some will be invented by your group.

Phase 0 Specification

Your program will allow users (Attendees) to log in, see and reply to messages from other users, send messages, add users to list of people they can message.

The program reads in a list of events (talks) from a text file. Users can sign up to attend an event, see the entire list, and cancel their spot in the event.


Organizers can perform the above actions as well as add events to the list and message everyone who is signed up for a particular event. In this version of the program, the Speakers who are talking at the event cannot sign into the program. They will be added in Phase 1.

You can assume that all talks take place in the same room at different times. You can also assume that all talks last one hour long. The program should prevent two talks from being scheduled at the same time.

Your Submission

Your description does not need to include the details of any methods or variables (their name, type, etc.). You also do not have to include details about what the menu looks like to the user.

You can assume that the User Interface is a text UI that prints words on the screen prompting the user to enter input through the keyboard.

It is recommended that you check the [Message Board](#)  (<https://piazza.com/utoronto.ca/fall2020/csc207>) for further clarifications. You can also ask for further clarifications there.

Here are the [Marking Criteria](#) (<https://q.utoronto.ca/courses/180703/pages/phase-0-marking-criteria>) for this assignment.

There are fewer details for this assignment than Phase 1. Please do not add features for Phase 1 to your design until after you have completed and submitted Phase 0.

Phase 0 is an individual assignment. Everyone on your project team should contribute to the same Phase 1 code, but submit separate Phase 0 designs.