

# cis20.2-spring2008-sklar, term project task 2: interface component

## instructions.

- In this assignment, you will design and implement the user and administrative interfaces for your term project.
- This assignment is worth 25 points, or 25% of your term grade.
- It is due in class on MARCH 26.

## 2a. design storyboard for user interface

(5 pts)

Create a **storyboard** for the user interface.

This is essentially a tree, where each node contains a screen. The root of the tree is the first screen that the user sees when they go to your project web page (system start-up page). The tree branches when different user actions might take the user to different screens. Number or name the screens, for internal documentation.

It is recommended that you design the screens before building them, using whatever method is quickest for you—drawing by hand, using photoshop, gimp, etc.

SUBMIT this drawing of your storyboard tree. Don't forget to label each screen with its name/number.

## 2b. implement user interface front-end

(4 pts)

Now that you have designed the screens, it should be easy to write the software that will actually display them. The underlying behavior can be null—just create the screens and a means to go from one to the other.

SUBMIT a screenshot of each screen and the URL of where your project is uploaded. Label each screen with the name/number assigned in the previous step.

## 2c. test user interface front-end

(4 pts)

Go back to the storyboard and generate sequences of user commands/actions that will sequence the system through every screen.

SUBMIT a list of the sequences of user commands/actions that will display every screen.

*NOTE that I will use these sequences to test the screens at the URL given in the previous step.*

## 2d. design storyboard for admin interface

(4 pts)

Repeat step **2a** for the administrative interface.

SUBMIT this drawing of your storyboard tree. Don't forget to label each screen with its name/number.

## 2e. implement admin interface front-end

(4 pts)

Repeat step **2b** for the administrative interface.

SUBMIT a screenshot of each screen, the URL of where your project is uploaded and instructions for how to reach the admin interface. Label each screen with the name/number assigned in the previous step.

## 2f. test admin interface front-end

(4 pts)

Repeat step **2c** for the administrative interface.

SUBMIT a list of the sequences of user commands/actions that will display every screen.

*NOTE that I will use these sequences to test the screens at the URL given in the previous step.*