Human-Computer Interaction

CSCI 4620U / SOFE 4850U / CSCI 5540G
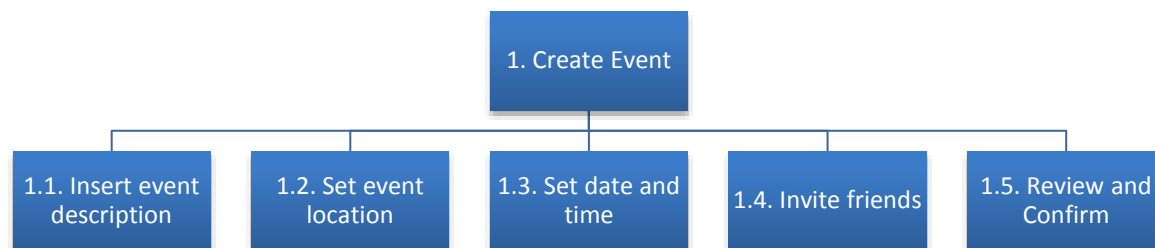## Lab 5

UNIVERSITY
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INSTITUTE OF TECHNOLOGY

Purpose

To develop user interface prototyping skills.

Getting Ready

1. Download and install Balsamiq (https://balsamiq.com/).
2. Import the provided BMML Symbol Libraries. These are Android-specific UI components which, after imported, you can find under "Symbols" in Balsamiq.
    a. Find Project > Import > BMML Symbol Libraries…
    b. In the file window, find the BMML files included in the lab package.

Your Task

Bandwagon is a mobile app by and for UOIT students to help friends plan spontaneous social events. In this lab, you will use Balsamiq to design the screens for the task "Create Event", which is one of the main functions of the app. Bellow, this task is illustrated with a simplified hierarchical task analysis (HTA):

Your task is to create one screen for each of the "Create Event" subtasks (1.1 - 1.5). After filling the information for a screen, users should proceed to the next screen. They should also be able to go back to the previous screen. Use your own judgement aligned with the user interface

design principles you have learned in class. Following are the detailed requirements for each screen:

1.1. **Insert event description ("What's the plan"):** Users enter any name for the event, as well as pick one event type: Party, Go Out, Get Food, Study, Workout, Activity.

1.2. **Set event location ("Where are we going?"):** Allows users to select start and end time of the event.

1.3. **Set date and time ("When's it happening"):** Users type the location of the event. As they type, the auto-complete helps them locate / geotag the location, prioritizing addresses / locations that are nearest to the user's current location. Upon selecting the location, a map shows a 'pin' on the location they selected so they can confirm that it is correct.

1.4. **Invite friends ("Who are we telling?"):** Users can either select people they invite in one of three ways: (i) by group (ii) everyone within a radius, or (iii) by selecting individuals.

1.5. **Review and Confirm:** This summarizes the contents of the other screens. Users are able to edit any previously entered information (e.g., in-place or jumping back to the appropriate screen).

Notes

- Feel free to browse the Balsamiq collection of public projects and UI elements at https://mockupstogo.mybalsamiq.com/projects. If you end up using one of these custom elements, make sure the corresponding .bmml files are included in your submission.

Additional Resources

iOS Controls library: https://mockupstogo.mybalsamiq.com/projects/ios/iOS7%20Controls

Android Design Cheat Sheet: included in the ZIP file.

Submission

Submit to the Lab 5 assignment dropbox on blackboard:

a. Your Balsamiq project file (.bmpr).

Due 11:59 pm.