

# CIS\*3750 System Analysis & Design in Application

## Lab Deliverable 2: Personas, User Epics and User Stories

Due Date: 1:00 PM Friday, January 31st, 2020 Weight: 10%

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The following assignment must be completed as a group and submitted within your group's Gitlab Wiki. Assume that your Wiki is a living document that your client will be using to check up on your progress and keep you accountable for your work. As such, the document should be **professional, organized, easy to follow, visually appealing, consistent and void of spelling or grammatical errors. Also, all submitted files that are posted to the wiki should contain a header or cover page with your groups section/number and your group name (if you choose one).** Failure to follow these standards or to provide all of the necessary deliverables (described within this document) will result in a deduction to your grade.

Keep in mind that a 70%-80% will be given to groups who **meet** the expectations as documented here. For higher grades, groups should strive to go above and beyond the deliverable requirements. In-depth analyses and reflections, extra subheadings, multimedia (pictures and videos), typographical emphasis and bullet points are all fantastic ways of making your Wiki stand out.

### Learning Outcomes

- Introduce your team members, roles and your 'company'
- Describe your client, as well as their needs and challenges
- Perform a usability and cosmetic review of digital signage on campus
- Define Personas representing fictional user groups of your system
- Build User Epics and decompose User Stories related to your Personas

### Report Details

Each of the following sections are to be submitted as separate articles within your groups Wiki page. **So after submission, your Gitlab wiki will contain at least 2 articles, one containing the result of your idea generation and one with your groups biographies.** These articles will be used throughout the course, and will provide a foundation for continued software development, so be sure that you write them clearly and with as little ambiguity as possible.

#### A. Specification Conformance

[1 Mark]

Did you group conform to the guidelines set out in the initial paragraph and details?

#### B. User Personas

[4 Marks]

[Updated]

Identify at least 4 User Groups of your system, and build 1-2 Persona for each group. The undergraduate user group is predefined, but consider what other groups would be involved with your project. If your project requires more (or many more) than 4 user groups, make a reasonable decision about how many personas to create for each group (2, 1 or 0)

Each Persona should include at least 4 demographics that you have selected, for example: name, program, year of study, personal interests, comfort with technology, as well as a description of the individual and their background. Tell us why you chose each demographic. These Personas should accurately reflect an individual from each core user group of your system.

### **C. User Epics and Stories**

**[5 marks]**

For each Persona, create a User Epic (coarse-grained, high-level stories) which describe the many ways this Persona might interact with your system over time. Ask yourself what the product should do to address the personas' problems or to create the desired benefits for them. There may be quite a bit of crossover for User Stories between each Epic. That's ok! This will help identify the commonalities between your Personas, and help to prioritize certain stories over others.

Also, indicate which idea groups from Checkpoint 1 applied to each epic. What trends can you identify from which groups are covered. Did this help you adjust the scope of your project? How so?

By the end of this section you should have at least a summary describing how the stories link to your idea groups, and 15 distinct User Stories identified for your system based *loosely* on the following format (use the other formats described if applicable):

"As a < type of user >, I want < some goal > so that < some reason >".

### **D. Idea Generation and Group Biography**

**N/A**

These articles were part of the first deliverable for our class. I'm including it here to remind everyone that its content should already be included within your Wiki.