ICS Website Redesign

Team Event Horizon:

April Huie

Celine Deleon

Chanelle Hojberg

Eric Tran

Juston Lin

UML Design Draft #1
November 9, 2017

Final draft expectations

- All use cases/user stories should be covered (in sufficient detail to be implementable)
- All UML diagrams should be detailed (class names, methods, attributes, class relationships)
- The document should be internally, as well as externally consistent with the requirements

Expected final length: 20-35 pages (including diagrams/charts), 3,200 – 5,000 words.

TABLE OF CONTENTS

REVISION HISTORY

- **11/7/2017**
  - UML Design Draft #1 Document created and formatted

USE CASES

- A list of prioritized use cases/user stories
- 1-3 UML sequence diagrams for important use-case flows (basic or alternative)
  - For each sequence diagram: one class diagram showing all classes relevant to ('participating in') this use case
- A UML class diagram summarizing all classes for all use cases
- At least one additional diagram relevant specifically to your project (activity diagrams, state diagrams, database diagrams)

CLASSES:

- Header (class)
  - UCI Bren School logo (attribute)
  - Top/Secondary Navigation Bar (class) (6 instances)
  - Main Navigation Bar (class?)
    - Hover over to drop down menu (Can be nested)
    - Click to go to another page
  - Search bar (attribute?)
- Content (class)
  - Highlight (Main Picture/Video)
  - Social media feed
  - Latest News
  - Talks & Events (Calendar dates)
- Footer (class)
  - Copyright (attribute?)
  -

Goal:

- 1 overall UML class diagram
- 1 use case
  - 3 sequence diagramS

User Stories -- Feel free to edit hehehe (Still trying to figure out the difference between class, attribute, and operation hahaha)

- As an undergraduate student, I want to look up classes being offered during the academic year so that I can plan out my classes for the year. (operation under top navigation bar class for current students-> undergraduate)

- As an undergraduate student, I want to figure out how to get advising on classes and my future career path so that I can make sure I graduate and meet my career goals. (operation under top navigation bar class for current students -> undergraduate)

- As a project sponsor, I want to look up research projects so that I sponsor a project with students (attribute under main navigation bar class for research)

- As a graduate student, I want to look up different doctorate degrees being offered so that I can choose the right PhD program that matches my interests. (attribute under main navigation bar class for programs)

- As a graduate student, I want to search for possible internships and research opportunities so that I can gain more experience in my field of study.(attribute under main navigation bar class for research)

- As an alumni, I want to look up how to give back to the school so that I can be more involved after graduation.(attribute under main navigation bar class for alumni)

- As an undergraduate student, I want to look up events such as upcoming career fairs, workshops, meetups, and technical talks, so that I can network with industry professionals and meet my career goals. (attribute under main navigation bar class for news and events)

- As an undecided undergraduate student who isn't sure of my field of study, I want to be able to easily look up and compare the course requirements of different majors.(attribute under main navigation bar class for programs)

- As a faculty member, I want to easily navigate through the ICS website so that I can maintain the faculty directory and make possible revisions. (attribute under top navigation bar class for directory)

- As an undergraduate student, I want to contact the ICS Student Affairs Office so that I can schedule an appointment with an academic counselor or go in for walk-in hours. (attribute under top navigation bar class for current students)

- As a prospective faculty member, I want to be able to look into faculty recruitment so that I can learn more about the school,its culture, and what it has to offer. (attribute under top navigation bar class for Faculty and Staff)

- As an undergraduate Informatics student, I want to learn about the different fields and specializations and how I can apply what I'm learning in class, to the industry. (attribute under main navigation bar class for Industry)