CCP Tour Mobile Application

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Introduction

Here at Boise State University the Computer Science Department is growing in number and it is happening fast. Currently the faculty to student ratio is 27:1, and as years go by student size will continue to grow. That is why this project is important for the future of the CS department.

Summary

The focus of this project is to create a self-tour mobile application for students and faculty exposed to the CS Department building. Upon completing this project, Boise State faculty will have a self touring application for students visiting the building for the first time. Students will be able to take a tour at whatever time is more convenient, and find out more about the Computer Science Department and the building.
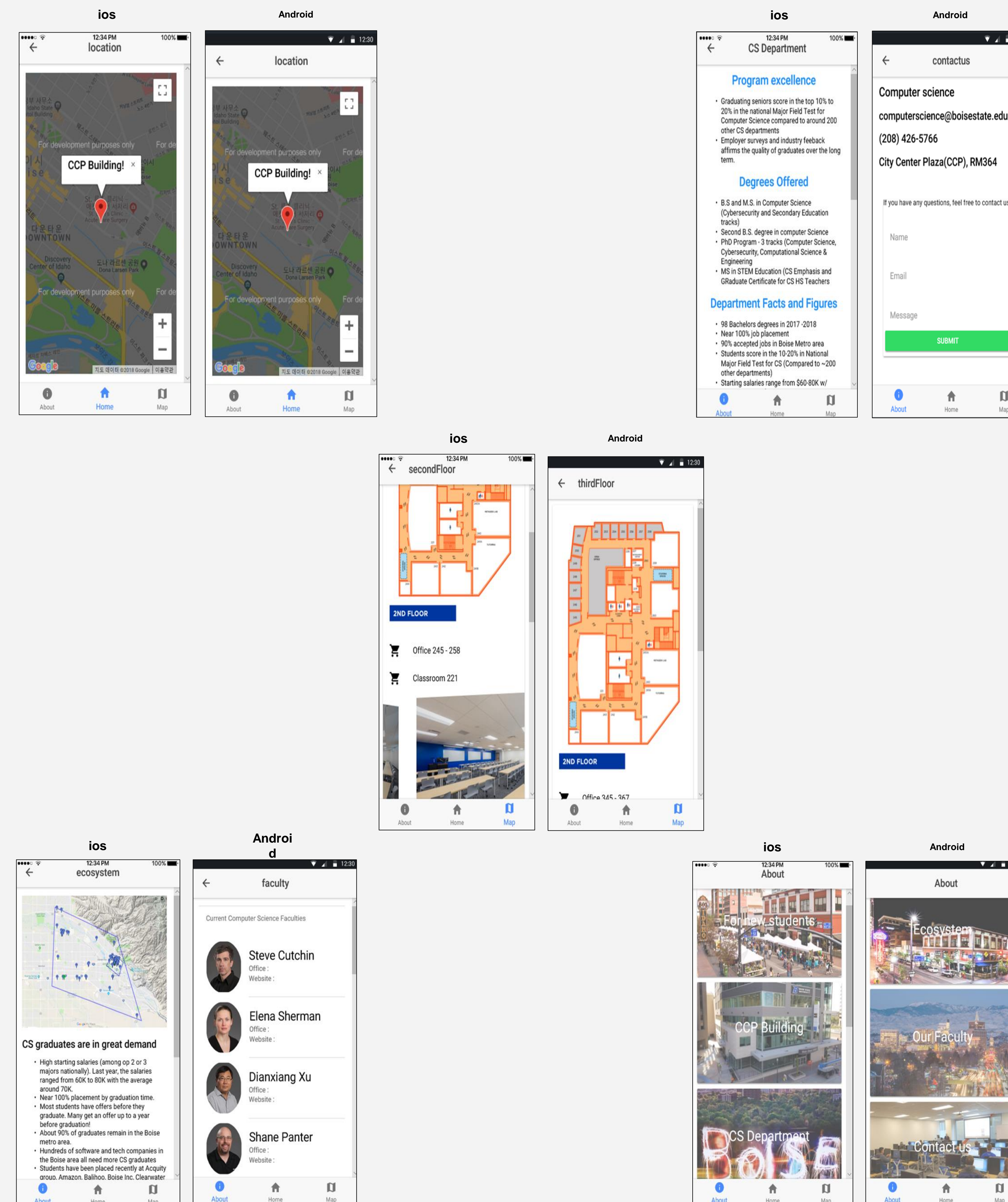
Project Objectives

- Ensure that every student is able to receive a tour of the CS building as well as finding information about the CS department
- Alleviate the load on faculty member by reducing personal tours.

Method

- Gather faculty information (e.g. name, email)
- Pictures of class rooms
- Computer Science information
- Ecosystem URL
- And maps of the 2nd and 3rd floor.

Our CCP Tour Application

Framework

Ionic is a complete open-source SDK for hybrid mobile app development. Ionic provides tools and services for developing hybrid mobile apps using Web technologies like CSS, HTML5, and Sass.

Target User

1. First year BSU students
2. High School students (seniors)
3. Current students
4. Parents/Visitors

Conclusion

Creating this application, will benefit the CS Department by making tours an easier process for everyone. Since we are moving to a more technological world, instead of sticking with person to person tours we should also move our tours into a mobile application in the near future.

Future Development

- Database works perfectly in 'contact us' page
- .Interactive map guide
- Implement 360 photos of all places
- Implement user friendly interface

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Lifecycle

Requirement / Analysis → Design → Development → Testing → Launch / Maintenance