Project Title:

NovaConnect

Team Name:

Garbage Collectors

Team Lead:

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Project Overview:

The goal of NovaConnect is to create an efficient, and fast event management service. Our focus will be on use in industry conferences. Currently there are not many event/conference management applications available, and those that do have proven to be neither efficient nor cost effective.

This mobile application will be very important to the industry as it will provide very helpful tracking during conferences and events for both the hosts and the attendees. Tracking during conferences has proven to be an inconvenient aspect of conferences, requiring attendees to either keep track of cumbersome paperwork, or carry around a device called a lead retriever, which take up pocket space, and can cost up to $600 per device.

A sample of goals for our mobile/web application will be generating leads in a cost effective manner (as opposed to the current lead retriever devices), easy to use conference/event management. For example, users will be able to enter leads based on business card or QR code recognition.

The desired outcome of the project will be an industry transforming, easy to use application that could be used all throughout conferences of various industries and fields. Eventually, one might even find NovaConnect at simpler events for the sake of easy management.

Project Milestones:

1. Complete Specifications with Novacoast Mentors
2. Learn the required tools, frameworks, and programming languages that we wish to use
3. Design a UI for the mobile/web application. Prototype with programs such as MockingBird and go over it with mentors. Write the actual implementation of the UI.
4. Create a back-end/database for retrieval on different devices.
5. Test/Debugging for both front-end and back-end
6. Integrate services for a fully functional UI
7. Continue testing and complete basic specifications with mentors.
8. Prototype app for testing between multiple devices
9. Add additional functionalities such as business card/QR code recognition

We'll be implementing this project with Ruby/Android/IOS. We'll be making a web app (The most versatile), and then possibly implement it onto different operating platforms. We also might be implementing LDAP protocols (LIght weight directory access protocols) to access a group directory/credentials.

For our process model, we will be working in a cycle/iterative model where we'll constantly be testing at each small iteration before moving onto the next step/sprint.