

SE 491 Weekly Report DEC15-06 (4/13 - 4/19)

Project Name: Unified Butterfly Recorder (UBR): Butterfly Population Survey Application Data Management

Adviser: Dr. Rover

Client: Nathan Brockman

Team Members and Roles:

Zach Miller - Team Leader

Branden Lange - Team WebMaster

Nicole Lockard - Team Communication Leader

Tyler Uhlenkamp - Key Concept Holder

Weekly Report:

This week didn't go quite as planned we were unable to meet with either app team due to their schedules. We were, however, able to get our parse account up and running. Each of us then went in and created a table in parse to better understand how parse workers.

Meeting Notes:

4/16/15 Meeting with Team and Advisor

Duration: 30 min **Members Present:** All

Goals: Since we didn't meet with Dr. Rover last week we needed to update her on the new decision to go with parse.

Accomplishments: We were able to explain why we switched to parse and the use case that lead us to that decision. We were also able to talk about how to display all the design decisions in our documentation and end of year presentation. We also discussed the best things to discuss in our presentation.

4/16/15 Meeting with Team and Client

Duration: 30 min **Members Present:** All

Goals: To discuss the survey we want to send out to users, as well as what Nathan is expecting on the website portion of our project.

Accomplishments: Nathan was able to let us know that we already have some users to send the survey to (the users that took the original UBR survey about what they wanted in the app.) We also discussed what was best to include in the survey. We then spent a while brainstorming and discussing the different cool things that could be on the My UBR section.

Plans For Next Week:

- Meet with the android team to give them a requirements document
- Meet with the IOS team to let them know about using Parse and what all they will have to complete for us.
- Work on updating project plan and design document
- Design our final presentation
- Work on design of our system with Parse
- Start development with Parse
- Decide what kind of server (or if we use one) we will use
 - Get the server up and running

Pending Issues:

- 1) What type of authentication will our product have, and where will it need to be implemented
 - a) Login vs Token
- 2) Where will our server be stored
- 3) How to get the phone UBR apps communicating with a server
- 4) How best to appear non competitive towards other butterfly organizations.

Team Member Contributions (This Week):

Zach: Coordinated meetings, set up a Parse table, reviewed Project Plan and Design documents. **(4 hr)**

Branden: Experimented with Parse account and researched implementation of some Parse features **(3 hr)**

Nicole: Completed weekly report, read about Parse Security and using it with javascript, set up a Parse table **(4 hr)**

Tyler: Set up parse account, set up a Parse table. Meetings and more design analysis. **(4 hr)**

Team Member Contributions (Overall):

Zack: 48.5 hr

Branden: 51 hr

Nicole: 51.5 hr

Tyler: 60 hr