SE 491 Weekly Report DEC15-06 (3/9 - 3/22)

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 our main goals were to come up with a viable solution to the issues that arose when our partners wanted to pull data. As well as finish the design document.

Meeting Notes:

3/12/15 Meeting with Team

Duration: 90 min **Members Present:** Branden, Nicole, and Zach
Goals: Come up with a solution to issues that arose when partners wished to pull data
Accomplishments: This meeting was very productive. We were able to come up with a few solutions and settle on the solution that we felt best solved all problems.

3/12/15 Meeting with Team and Adviser

Duration: 30 min **Members Present:** Branden, Nicole, and Zach
Goals: Update Dr. Rover with our proposed solution and discuss design document.
Accomplishments: Explained our proposed solution to Dr. Rover. Discussed why we felt it was the best solution. Talked about what all to include in our design document.

3/12/15 Meeting with Team and Client

Duration: 60 min **Members Present:** Branden, Nicole, and Zach
Goals: Discussed our proposed solution
Accomplishments: We were able to explain our proposed solution clearly and explain why we felt it was the best solution. Nathan agreed that it seemed like the best solution and didn't feel like it would be too much excess work for our partners. We decided it was a good time to meet with the app team and discuss the changes we need from them. We also decided it would be

good to reach out to other partners and discuss this solution with them and verify it is something they are willing to do since it does require some work on their side.

3/14/15 Meeting with Team

Duration: 60 min **Members Present:** All
Goals: Finalize design document to turn in,
Accomplishments: We were able to finish our design document and turn it in.

Plans For Next Week:

Meet with the app team and explain changes we will need made to the phone app. Talk to our partner at Pollard Base and verify he is willing to work with the solution we have proposed. Start working on development of our proposed solution.

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 and researched possible means of user authentication **(8 hr)**
Branden: Worked on app engine prototype, worked on design document **(9 hr)**
Nicole: Completed weekly report, worked on design document **(8 hr)**
Tyler: Worked on design document (**8 hr**)

Team Member Contributions (Overall):

Zack: 33 hr
Branden: 36 hr
Nicole: 35.5 hr
Tyler: 42.5 hr