

EE 491 Week 5 Report (9/29/14-10/6/14)

MAY15-15

Project Title: Challenge Expeditions **Advisors:** George Amariuca

Client: Michael Dahlstrom

Members (roles):

- Andrew Wallace (Team lead)
- Anthony Wilson (Webmaster)
- Ian Monroe (Communications)
- Matthew Burzinski (Key concept holder)

Weekly Summary

This week consisted of working on the project plan and application design. We've begun to discuss specifics of the application and how the client wants certain things to specifically work. We also began scaffolding the project and learning the tools we've selected to accomplish them.

Meeting notes:

9/25 Group met with adviser and client

Duration: 50 min Members Present: Anthony, Ian, Matthew

Purpose and Goals:

Want to create surveys to send out about the use cases of application.

Need multiple leaderboard types.

Discussed point system and how to calculate. (Scale with difficulty, scale on Economic (number of people who have done challenges) , hard program it into the create a challenge)

Discussed distance or time based challenges with weather.

Looked at Oh ranger! parkfinder (similar app but no challenges).

Locate national database of parks.

Analyzed other senior design projects that are software based.

Achievements:

Decided to use Mono and PHP

We were able to request our LAMP stack for the server.

Pending issues

1. Setup projects and repositories
2. Setup server with projects and deployment

Plans for next week

1. Start writing code to get a feel and learn
2. Decide on specifics of points system and leaderboards
3. Get basic screens for apps up

Name	Last Week	Next Week	Total (hrs)
Andrew	Screen sketches Technology research	Project Plan Design Documents more research	8

Anthony	Work on website Project Plan (4 hours)	Database schema design and implementation Website	16
Ian	Scaffold project Setup repositories Project plan (5 hrs)	Finish default site layout Connect DB to PHP API Start on user API	17
Matthew	Meeting Technology research Simple Block Diagram (3.5 hours)	Flesh out Block Diagram Experiment with different frameworks (3-8 hours)	6.5-11.5