

CPR E 491 Weekly Report **MAY15-19** Week 6 (10/07/14-10/13/14)

Advisors: Manimaran Govindarasu gmani@iastate.edu

Client: Brock Ascher, ECpE Department

Members (roles): Randy Groh (Leader), Brandon Kuha (Webmaster), Brylee Raupp-Timmons (Key Concept Owner), Maria Vognsen (Key Concept Owner), Aaron Zatorski (Communications Director), Alex Haynes, Ian Rosenbery

Project Title: CyRIS wall - phase II

Weekly Summary and Accomplishments

- (1) We examined decompiled source files from previous team and picked out some salvageable items like the CyRide application and the webcam application. We also learned a lot of good things from the directory code that Alex will be looking further into.
- (2) We got source control set up
- (3) We created architecture diagrams
- (4) We began creating a new Intuiiface project to put our work into as we complete things. This will then be placed on the wall eventually.

Meeting notes:

10/08 Meeting with Advisor

Duration: 45 minutes

Members Present: All team members, Manimaran

Purpose and Goals:

Discuss our architecture diagram and previous team's code

Achievements:

We had very little time, Manimaran was running late, but we did receive feedback on our first architecture mock-up so we had somewhere to begin improvements.

10/13 Group Meeting

Duration: 2 hours

Members Present: All

Purpose and Goals:

Discuss state of previous team's code and where we got in commenting and understanding it
Create architecture drawings

Achievements:

Created architecture diagrams

Pending issues

- (1) The previous team's code was decompiled, however, no comments were included, and the decompiling process produced a slew of errors that will need to be fixed before using their code. We think we might only rescue their code for the CyRide map and webcam items.

Plans for next week

All – Continue work on design plan

Aaron – Get Stellarium working on lab computer and look further into their source code.

Aaron – Add a custom landscape to Stellarium and determine options to enable/disable for student usage.

Alex – Research further the LabSTATS API and the directory search calls.

Alex – Make some unit tests to ensure understanding of the form URL encoding and headers in directory code.

Randy – Investigate database options for content management system

Brandon – Work on Intuiface database connection to application tutorial

Brylee – Research JFugue API for music applications

Ian – Get bus route maps working properly

Individual Contributions (this week)

Brandon –

45 minute meeting with professor / team meeting

30 minute team meeting working on architecture and the first draft of the design document

Maria –

45 minute team meeting

30 minutes setting up repo account and learning bitbucket

1.5 hours looking at decompiled code, putting into eclipse

1.75 hour team meeting and architecture diagrams

Ian –

1.5 hrs working on architecture diagrams

2 hours commenting code for bus route applications

45 minutes team meeting with Manimaran

Randy –

45 minute meeting with professor / team meeting

2.5 hours team meeting working on architecture and the first draft of the design document

Alex –

45 minute meeting with professor / team meeting

30 minutes creating project from decompiled source files

1 hour analyzing staffDirectory app and adding comments

2 hour team meeting. Created Architecture Diagrams for

Directory Search and Daily Brain Byte. Research Directory

Search request formatting. Researched LabSTATS 5.2.

Brylee –

45 min advisor meeting

15 min decompilation

30 min source tree and repo construction

30 min Code examination of previous mtj4 scene window

1 hr old project creation and dependency checking

2 hr 45 min team meeting architecture diagram - open source

music research

30 minutes researching JFugue

Aaron –
45 minutes advisor meeting
1 hour re-creating old project and removing errors
1 hour creating new Intuiface project on lab computer and testing Stellarium Integration
1.75 hour team meeting developing architecture for design document
30min – creating weekly report

Total contributions for the project

Person	Weekly Time	Total Time
Randy Groh	3.25hr	16.5hr
Brandon Kuha	1.25hr	19.25hr
Brylee Raupp-Timmons	6.25hr	24hr
Maria Vognsen	4.5hr	18hr
Aaron Zatorski	5hr	24.25hr
Alex Haynes	4.25hr	16.75hr
Ian Rosenbery	4.25hr	18.5hr