

CPR E 491 Weekly Report **MAY15-19** Week 7 (10/14/14-10/20/14)

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 worked on the design document and created architecture diagrams

Meeting notes:

10/15 Meeting with Advisor

Duration: 1 hour

Members Present: All team members, Manimaran

Purpose and Goals:

Discuss our architecture diagram and previous team's code

Achievements:

We received more feedback on our architecture mock-ups and Manimaran also gave us pointers on how to improve them..

10/20 Group Meeting

Duration: 1.5 hours

Members Present: All except Alex (emergency)

Purpose and Goals:

Discuss architecture diagrams

Achievements:

Created a standard for our architecture diagrams for the design document

Pending issues

None of note.

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 – Will discuss the SOAP endpoints of Labstats with the guide and determine how best to poll the server for the open workstations.

Randy – Investigate database options for content management system

Brandon – Work on Intuiface database connection to application tutorial

Brandon - Update daily brain byte design documentation

Brylee – Finish ver. 1 design document and further research mt4j. Try to make a custom component.

Ian – Continue on bus route map application

Individual Contributions (this week)

Brandon –

45 minute advisor meeting review of design document
1 hour and 15 minute team meeting software architecture and design documentation.
2 hours on interface database connection to application using .Net interface tutorial, familiarizing with C# (still need to finish tutorial)

Maria –

45 minute advisor meeting
1.5 hr - team meeting
- worked on Design Document

Ian –

1 hr - Advisor Meeting
1.5 hr - team meeting
- worked on Design Document
- looked through code for maps application, tried to fix some dependencies
0.5 hr - Maps application
- worked on fixing dependencies
- worked on fixing the java project set up

Randy –

1.00 Hr advisory meeting
- Discussed the progress on the Design Document
- Discussed the Architecture diagrams
- Discussed next week's plans
- Discussed my work to be done on the club and research spotlight
1.50 Hrs Weekly Meeting
- Worked on the Architecture diagrams
- Set up a standard of how we'll produce diagrams
- Finished the High level diagram

Alex –

1 hour – advisor meeting
30 minutes – set up walkthrough of labstats with developer

Brylee –

1.00 Hr advisory meeting
- Discussed my progress so far at that point for jFugue
- Discussed next week's plans
- Discussed Design Document
3.00 Hrs working with jFugue
- Research
- Document reading
- Testing and experimenting
- Creative Example Music using jFugue music Strings
- Installed and examined open source music apps created using JFugue (i.e. JFugue Music NotePad)
3.50 Hrs working on JavaFX research
- Tutorials on creating a basic AddressBookApp to learn basics of FX UI design.

- Research about some of its capabilities
- How it is better and differs from Swing.
- 0.25 Hrs working on trying to figure out BitBucket/repository
- 2.00 Hrs working on MT4J research
- Research, project creation, and project dependencies for windows 64-bit compatibility
- Learning basics. Tutorials including basic HelloWorld and the MT4J examples.
- 1.5 Hrs weekly meeting
- InCadence Architecture Diagram

Aaron –
 45 minutes advisor meeting
 1.5 hour team meeting developing architecture for design document
 30min – creating weekly report

Total contributions for the project

Person	Weekly Time	Total Time
Randy Groh	2.5hr	19hr
Brandon Kuha	4hr	23.25hr
Brylee Raupp-Timmons	11.25hr	35.25hr
Maria Vognsen	2.5hr	20.5hr
Aaron Zatorski	3hr	27.25hr
Alex Haynes	1.5hr	18.25hr
Ian Rosenbery	3hr	21.5hr