CPR E 491 Weekly Report   MAY15-19   Week 5 (9/30/14-10/06/14)

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 met with Manimaran and presented our project plan
>   - Manimaran suggested modifying our plan to include a more precise timeline risk mitigations and use cases.
>   - Manimaran also suggested creating architecture diagrams for the next week's meeting

(2) We got in touch with the previous team and asked for their assistance in finding code. They were unable to help us find any source files.

(3) Decompiled the class files we found from the previous team's project. We now have some of the source code from their project. The only problem is that this code is buggy to begin with and decompiling the class files does not add comments back in. This means that we can't tell what the code is doing incorrectly and causing the program to fail.

(4) Looked into Stellarium source code and tested features for the Stellarium application.

(5) Updated project plan with Use-case diagrams, risk mitigations, and schedule changes.

(6) Finished creating website with a project description, project documents, and contact info for all team members.

(7) Researched ways to have Intuiface integrate well with Java and C code.

(8) We got access to the Senior Design lab!

Meeting notes:

10/01   Meeting with Advisor

Duration: *1 hour*   **Members Present:** *All team members, Manimaran*

Purpose and Goals:
Discuss project plan
Discuss potential risks

Achievements:
We received good advice on how to improve the project plan.
We spoke with Jason to try and address potential risks.

10/06   Group Meeting

Duration: 1.5*hours*   **Members Present:** *All*

Purpose and Goals:
Create use-case diagrams
Create architecture drawings
Update project plan with:
>   Risk mitigations
>   Constraints and requirements
>   Use-case diagrams
>   New schedule

Achievements:
Created use-case diagrams
Updated project plan
Created one architecture drawing. More to be done later on.

Pending issues

 (1) The only obtainable code we have from the previous team is a handful of decompiled class files. These files don't contain any comments, which makes maintenance extremely difficult since the map and webcam apps don't actually work in the first place.

Plans for next week

1. Familiarize with existing application code on test computer
2. Write up list of improvements to make to existing applications
3. Complete architecture diagrams
4. Get Stellarium running on lab computer

Individual Contributions (this week)

Brandon –

5.5 hours website work (including FileZilla, port number, configuration, getting website uploaded, adding proposal to documents and completing team info page with names and emails).
30 minutes code recovery in lab.
1.5hr team meeting

Maria –

2hrs in senior design lab looking at previous team's code and eclipse workspace, reading team documentation on their apps.
0.5hrs looking through their jar files from their download page.
1.5hrs meeting, helping with risk mitigations and use case diagrams

Ian –

1.5 hrs working on full-fledged project plan materials
1 hr inspecting past team's project directories for code

Randy –

1.5 hrs weekly meeting, worked on project plan (use cases, risk mitigation, updated schedule)

Alex –

1.5hr team meeting. Specifically helped revise the use case diagrams and helped word the risk mitigation at our weekly meeting

Brylee –

1.5 hr senior design lab experiment

-Looking for previous code again after receiving updated info from prev team.

-Looking at some of the capabilities that Intuiface does and doesn't have

1 hr project plan documentation work

- Formatted Project Plan Version 1's to correspond to a more professional look

- Wrote the Project Plan (Section 2 of the Project Plan Document)

- Wrote the Problem Statement (Section 3 of the Project Plan Document)

0.5 hr communication

- Emailing Jason about various questions regarding the wall, access, experimentation and resources

- Emailing with previous team about locating their code and project sources

0.5 hrs Repository Research

- Tried creating test github projects on ISU's github but to no success

- Looked into filing a svn repo request but never actually submitted because I was told we would like to use a github instead of svn

- Ended up setting up BitBucket for the team to use

1.5 hrs - team meeting

-Created Use case diagrams

-Constraints and Requirements

Aaron –

2hr spent looking for previous code again after receiving updated info from previous team and looking at some of the capabilities that Intuiface does and doesn't have

1.5hr spent downloading Stellarium, examining current features, tinkering with Source code to prepare for use in project

1.5hr – team meeting writing risk mitigation,

45min – creating weekly report

Total contributions for the project

Person	Weekly Time	Total Time
Randy Groh	2.5hr	13.25hr
Brandon Kuha	8.5hr	18hr
Brylee Raupp-Timmons	6hr	17.75hr
Maria Vognsen	5hr	13.5hr
Aaron Zatorski	6.75hr	19.25hr
Alex Haynes	3hr	12.5hr
Ian Rosenbery	3.5hr	14.25hr