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## **EE/CprE/SE 492 BI-WEEKLY REPORT 2**

**9/16/2019 – 9/27/2019**

**Group number: sddec19-09**

**Project title: Finding Hay in the Needle Stack**

**Client &/Advisor: Chad Raddatz & Thomas Daniels**

**Team Members/Role: Yealim Sung/ Project Leader & Meeting Scribe**

**Gooi Yin Hong/ Webmaster & Lead Designer**

**Austin Konsor/ Chief Engineer & Software Architect**

**Mireille Mwiza Iradukunda/ Test Engineer & Report Manager**

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### **Bi-Weekly Summary**

These past two weeks, we worked on recapping the project progress with our client. We met with our faculty advisor twice to explain our project and met with both our client and advisor in one meeting to clarify some points that we did not understand. We created a timeline for our project and each got started on our respective tasks. Each member of the team is currently working separately on tasks that we will be combining in the coming week. Lastly, we had our first PIRM presentation.

### **Past 2 Weeks Accomplishments**

**Yealim Sung:** I have set up the MongoDB for the project and have been playing around with it. Tried to put the mock data in and fetch it from MongoDB using PyMongo.

**Gooi Yin Hong:** In the past two weeks, I have completed implementing a directory crawler for the SVN. I've been able to print out all the paths and files that had been crawled through. I've also done testing of the functions for the crawler. Update biweekly report into our site.

**Austin Konsor:** I have developed a prototype for the GUI and have started implementing that prototype with TKinter. I have also wrote much of the report for the presentation.

**Mireille Mwiza Iradukunda:** These past two weeks, I worked on developing keys that will be inputs for our third party database. I wrote the report and part of our presentation

### Pending Issues

#### As a team:

- Get/See access to data and attributes
- Get clarity on requirements ( Our different points of contact didn't agree on some requirements so we were left confused)
- Find out if MongoDB will be necessary

### Individual Roles, Contribution and Time Spent

Name	Role	Contribution	Hours Worked	Hours Cumulative
Yealim Sung	Project Leader /Meeting Scribe	Worked on MongoDB to fetch and insert data.	6	10
Gooi Yin Hong	Lead Designer/ Web Master	Developing a directory crawler, unit testing on the	16	19

		crawler. Update the biweekly report into our site.		
<b>Austin Konsor</b>	<b>Chief Engineer/ Software Architect</b>	Developed prototype for GUI and started implementing in TKinter.	<b>8</b>	<b>12</b>
<b>Mireille Mwiza Iradukunda</b>	<b>Test Engineer and Report Manager</b>	Wrote report and started developing keys, prepped for PIRM.	<b>7</b>	<b>11</b>

**Plans for the Upcoming Reporting Period:**

**As A team:**

- Will get done with individual parts and will proceed to merge
- Will get clarification from client through email.

**Individually**

**Yealim Sung:** Will start working with other teammates to fully implement the backend part.

**Gooi Yin Hong:**

- We will start to integrate different parts of functions that have been implemented by our teammates.

**Austin Konsor:** I will continue to develop the GUI, with the plan to have it done in 2 weeks. That way we can start putting real data into it.

**Mireille Mwiza Iradukunda:** I will finish finding key and will merge my work with the other 3 parts.