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CSCI 4308-800

Unplug Status Report (Week 10: Oct. 30 - Nov. 5)

Update on Features, Milestones, and Deliverables (Kaleb Completed)

Deliverables

- Feature requirements document
 - Began last week on Oct. 27th.
 - Scheduled for completion by November 6th..
 - Status: On schedule 

Milestones

- Beginning of research on extension-app infrastructure
 - Began three weeks ago on Oct 12th.
 - Initial scheduled completion date: Nov 12th.
 - Status: Behind schedule, needed to dedicate resources to administrative documents 
- Beginning of web extension development
 - Began two weeks ago on Oct 17th.
 - No completion date in sight.
 - Basic blocking functionality expected in coming weeks.
 - Status: On schedule 

Important Team Meetings (Kaleb Completed)

- Had 6th meeting with sponsor (10-31)
 - Discussed Google Pub/Sub as a viable option for the “communication layer” of the app-extension infrastructure
 - Had a detailed breakdown of how Google Pub/Sub works
 - In our scenario, the app would subscribe to the extension and the extension would subscribe back.

- There is a server in the middle such that the publisher and subscriber are not explicitly aware of each other.
- We need to brainstorm topics that the app and extension could subscribe to for a given user. Also, we need to determine if each user should have a single topic associated with them or multiple.
- Discussed the different languages we could use to implement in the infrastructure.
- Discussed nuances between Google Pub/Sub, Google Pub/Sub Lite, and AWS.
- Re-established expectations and deadline for the “Requirements Document”
- Reviewed catch-up tasks in Asana
 - We need to resubmit a few status report documents with incomplete information
 - Non-essential as long as they’re completed by the end of the semester.
- Established a focus on completing the “Requirements Document” this week, as opposed to a focus on programming the extension or conducting research.

Labor Completed (Biswas Completed)

Ian Rule

- Attended meetings
- Scheduling meetings and communicating with team members, sponsors, and the TA
- Most of their time went into the Project Status Report/Requirements Document and Research
- Total hours: 3 hrs

Kaleb Pittman

- Attended meetings
- Created timesheet templates for team members as per TA's instructions
- Majority of time went into the Project Status report/Requirements Document, taking care of documentation and research
- Total hours: 4

Biswas Gauli

- Attended meetings
- Some time went into the working on the extension and github work
- Majority time went into the timesheet and Project status report/Requirement Document
- Total hours: 3

Nikita Feoktistov

- Attended meetings
- Majority of time went into the working on the extension and github work
- Some time went into the timesheet and Project status report
- Total hours:

Issues or Risks Encountered (Nikita to Complete)

Changes & Plan for Next Week (Ian Completed)

Changes to Project Requirements

- We are sending the “requirements document” to Jorn for review and approval at 9 PM on Sunday, November 5th.
 - Biswas and Nikita will continue to work on the basic implementation of the browser extension if time allows for it.
 - Kaleb and Ian will continue to research cloud services and technologies we can utilize to integrate our browser extension with the current Unpluq mobile applications. Specifically, they will continue to learn more about Google Pub/Sub.
- Biswas will move the extension code into the first GitHub repository and share that repository with Jorn.
- Nikita will review the “catch up” section of our Asana task management page and complete the required tasks by the end of the semester.

Plan for Next Week

- Biswas and Nikita will present any progress they’ve made on the browser extension.
- Ian and Kaleb will present any progress they’ve made on their research.
- We will submit the approved version of the “requirements document” to GitHub by the end of the week.
- Sponsor meeting: Tuesday, November 6th at 8:00 AM.
- TA meeting: Wednesday, November 8th at 5:00 PM.
- Team meetings: TBD