**INFO 2413 S10 Meeting Minutes**

2017 01 11

1. Previewed a number of technologies that may be useful in development.
   1. Docker: micro virtualization technology.
   2. Vagrant: portable virtual dev environment maintenance software.
   3. Puppet: configuration management tool.
   4. Jenkins: software development automation server.
   5. Ant: software build automation.
   6. Web technologies: Knockout, RequireJS, jQuery
   7. git, GitHub: code repository and project development web service.
2. Discussed 2 possible ideas for the project:
   1. patient care information system
   2. educational app based on spaced repetition
3. Deadline for idea submission set for Sunday, January 15. After this time, a consensus will be reached, and each group member will brainstorm ideas for presentation at the next meeting.

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1. In addition to the above development concepts, 2 new ones have been added:
   1. bank application: Allows users to keep track of payment data, and analysis that shows the user when they spent the most and least amount of money by day, month, and year. Allows the user to set a budget like a calculator, and acts like a normal bank app as well.
   2. online store app: allows the business to keep track of sales and inventory control (invoices). Financial statements are generated from the collected data.
2. Each idea has been discussed in more detail, fleshing out the original vision for other group members. After discussion of pros and cons for each option, a decision was made randomly, and the online store app has been chosen for development.
   1. It was noted that, since each project idea has its own unique potential, and group effort would be essentially the same regardless of which was chosen, the selection can be arbitrary.
3. Continued discussion of the online store app touched on a number of issues:
   1. If personal customer accounts are stored on a central server, it would mean additional security issues.
      1. We would need to define “policies” regarding the dissemination of personal information like credit card information. Relevant information might be presented to customers as a pop-up privacy agreement when an account is opened.
   2. Discussion on whether we would be building a system for one business, or a more “generic” service made available to business clients, leaned toward the latter. The concept began to take form as a cloud SAAS.
   3. Our primary focus needs to be on the quality of the user experience (both business client and customers), in order to ensure ease of use and overall satisfaction.
   4. Multiple templates may be used to guide user experience through different levels of service features.
4. Some early tasks have been assigned:
   1. Due to his interest in networking technologies, Nirosh has agreed to do some preliminary research into security stress-testing.
   2. Lucas has agreed to create a GitHub repository for project code and documentation, and send contributor-invites to all group members. Lucas will also upload minutes and class project (submission) template to the repository.