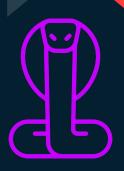
Milestone 6: Study Buddy App

Team Purple Cobras: Kin Cheung Leung, Rachel Mamich, Drake Rutherford, Christian Simons, Qinglu Sun



Purpose:

To bring students together to solve the problems of tomorrow.

TOOLS USED



1. GroupMe

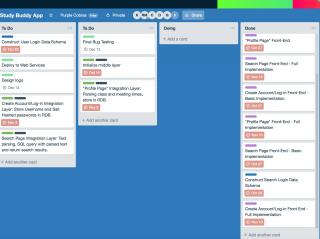
- Purpose: to easily communicate with each other
- 2.5 stars: can't easily share documents, members can turn off notifications and miss out on important updates



2. Trello

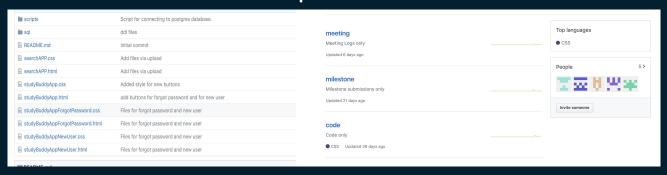
Purpose: Provide an overview of the progress and a great tool for task management.

4 Stars: Easy to use for tracking progress with labels of different colors.



3. GitHub

- Purpose:To upload all code files and easy to get excellent documentation.
- 4.5: Easy to contribute to projects and convenient to upload files.

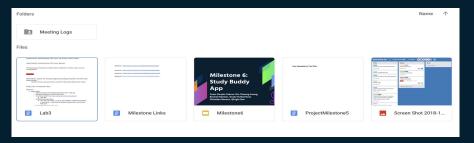






4. Google Drive

- Purpose: a shared Drive folder was the central hub for the Milestone documents (including this presentation)
- Usefulness: 4 stars, a good tool but underutilized by our group

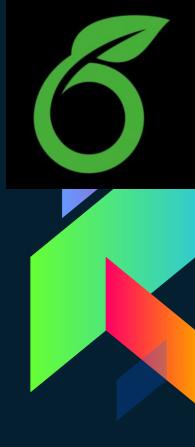






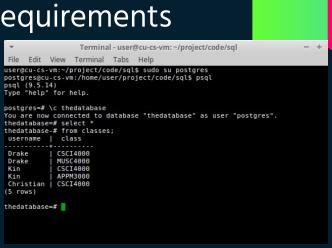
5. Overleaf

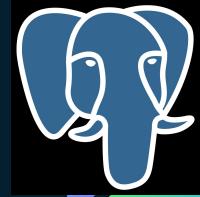
- Purpose: to create professional-looking
 PDF documents using LaTeX
- Usefulness: 5 stars. Multiple users can work on an Overleaf at the same time (a la Google Docs) and quickly compile the LaTeX





- Purpose: SQL server
- Usefulness: 5 stars. Free, easy to use, powerful enough for our project's relatively simple database requirements

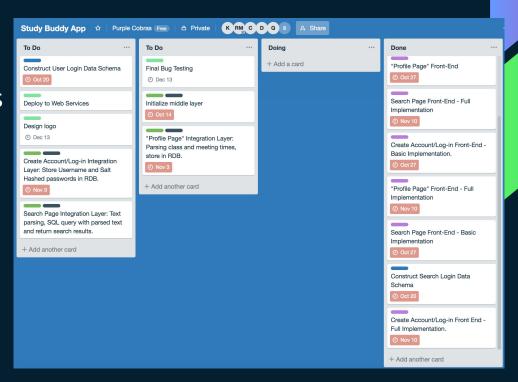




Project Management Method

Agile

- Weekly scrums
- Kan-Ban Chart
 - > Trello



Lessons Learned

Communication

- Communication is key to accomplishing a difficult task.
 - Establishing a good flow for information can help reduce problems
 - Tasks can come to a halt without clear and proper communication

Plan Ahead

- Assessing risks
 - By planning ahead, it is able to identify the associated risks and solve if possible
- Time for updating the plan
 - Original plan should be evolved over time so we can stay on track
 - To revise plans based on updated information on risk.
- Benefits of planning ahead
 - Feel more control and be ready for the final project

Google is your friend

- Apps are complicated
 - This class helped introduce our group to the technologies of software development, but realistically a fully-fledged app requires more knowledge of these technologies

Demonstration