

ENSE496AB

Braintrust Milestone Four- Tim's Bits
November 15th 2018

Paul Hewitt
Taylor Petrychyn
Maks Zabutnyy
Bryce Drew
Brandon Eagan
Danish Junaid

We are Tim's Bits



Taylor Petrychyn



Brandon Eagan



Bryce Drew



Maks Zabutnyy

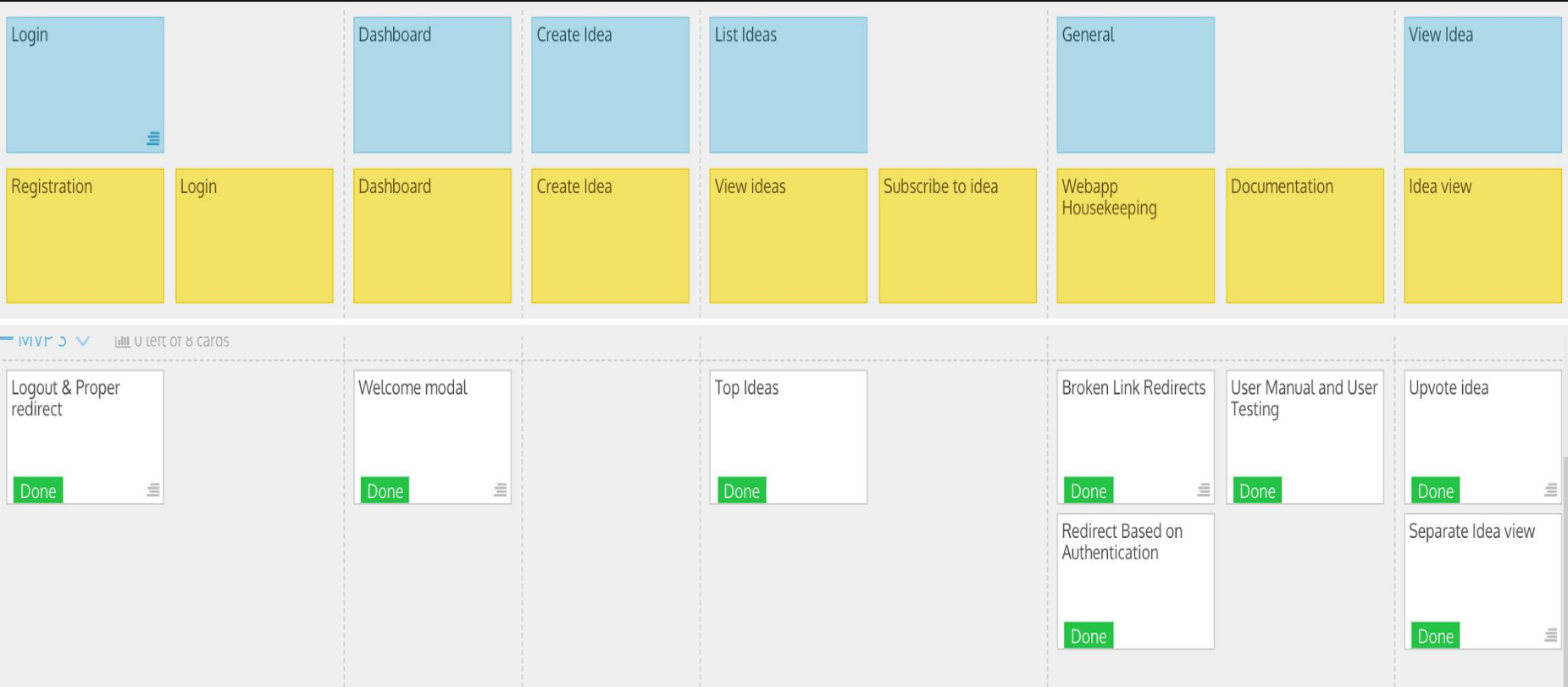


Danish Junaid



Paul Hewitt

USM Review



USM Analysis

Complete rework of Ideas

- Viewing ideas now uses a card system
- Can click each idea card to open the idea details page
- Idea details allows you comment, view specifics about the idea

Improve Routing

- Logout was not functioning properly
- Changed the default route
- Block access to certain features if not logged in
- Custom Error page

USM Analysis

Filtering Ideas

- Can now filter the idea cards by upvotes, or date
- Can easily implement more filters
- By division, by PDCA status, etc

Usability Documentation

- Participant Consent Form
- User Manual (will have a copy in the welcome modal too!)
- User Questionnaire (Contains Pre-Task, Task, and Post Task)

USM Analysis

Time Management:

- Online Meetings and after class
- Tried to complete as much as possible before the break

Rationale:

- Polished the application for demo at eHealth
- Had to work out some kinks (rerouting)
- Welcome page can serve as 'tutorial' and provide valuable information

USM Analysis

Did we complete the MVP?

- Switching to card system is cleaner, did break previous functionality
- Said functionality needed to be reimplemented
- Reimplementation was not initially accounted for, but it was completed
- Most successful MVP for our group to date :)

Team Roles

Presentation: Paul

Card System/Idea Rework: Taylor

Welcome Modal: Paul and Maks

Idea Filtering: Danish

Documentation: Brandon

Error Handling: Brandon

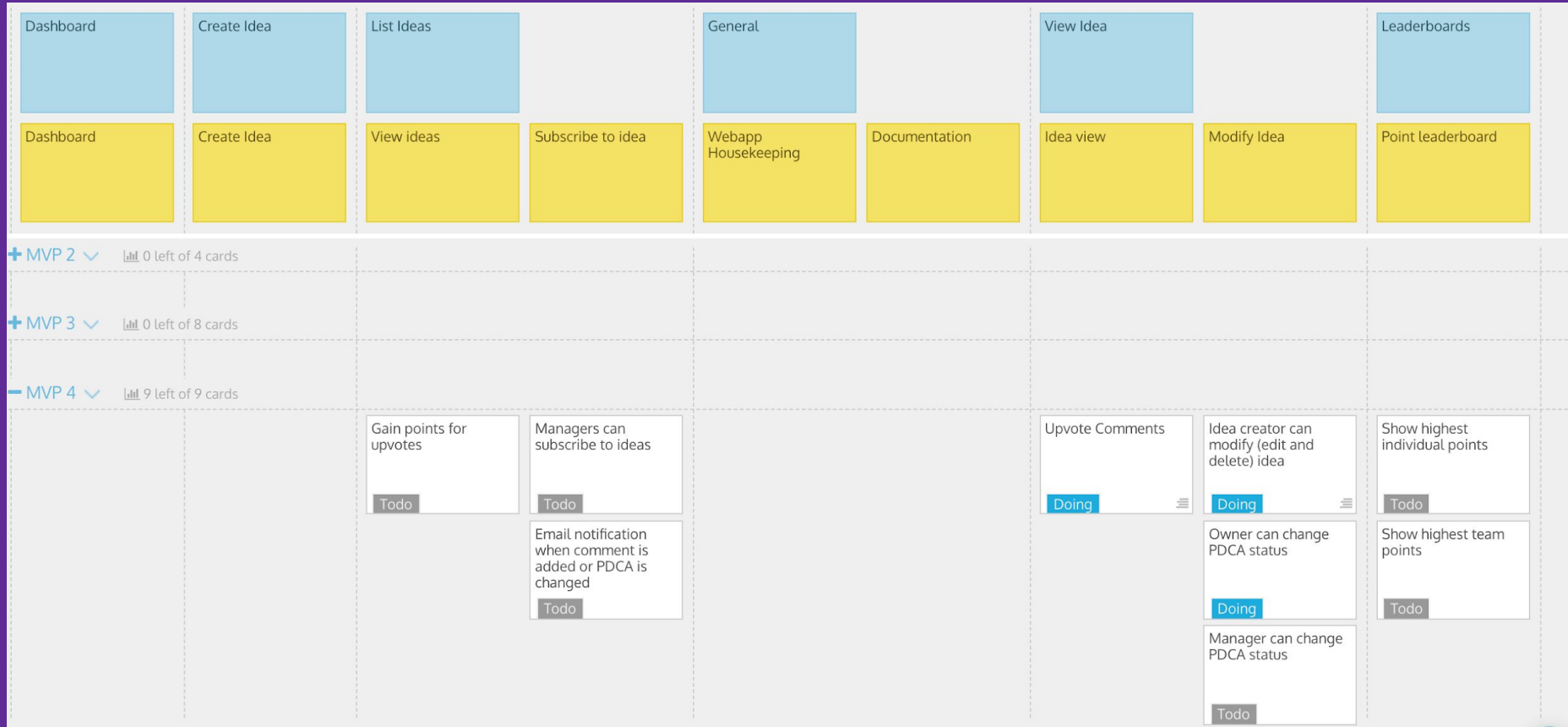
Routing: Danish, Paul, Bryce

MVP 3 Demo



Demo Comments & Review

USM for MVP 4



USM 4 Analysis

Rationale:

- Add gamification to the webapp
- Leaderboards
- Polish welcome modal (adding graphs, documentation)
- Email notifications (Forgot password, when your idea gets a comment)
- Finish PDCA status bar

Documentation

Participant Consent Form:

Project Title: Tim's Bits - Braintrust

Researcher(s): Brandon Eagan, Undergraduate, Faculty of Engineering and Applied Science, University of Regina, 1-306-527-6979, eagan20b@uregina.ca

Supervisor: Timothy Maciag, Faculty of Engineering and Applied Science, PHONE NUMBER, EMAIL

Purpose(s) and Objective(s) of the Research:

- We are collecting this data to better understand the needs of potentially users of our product, Brain Trust, particularly with respect to usability.
- We may use this data for presentations to our class and additionally when making decisions in the future with respect to the User Interface of the product.
- Additionally, the supervisor may hand this research on to another team of students at the end of our term.

Procedures:

- You will be asked to fill in a short pre-usage survey
- Following this you will be asked to use our product unsupervised and given a list of goals to accomplish while doing so.
- Finally, a post-usage questionnaire will be given to you to fill in
- At no point will the members of this team attempt to guide or help you use the product and you will given privacy while filling in the post-usage questionnaire
- Please feel free to ask any questions regarding the procedures and goals of the study or your role.

Potential Risks:

- There are no known or anticipated risks to you by participating in this research

Potential Benefits:

- Your organization (eHealth) may receive a product that is notably better than had we not conducted this usability research.

Compensation:

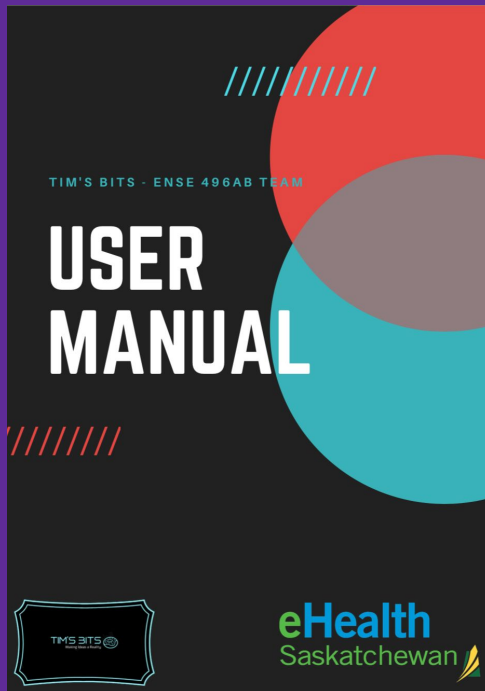
- There will be no compensation for participating in this research.

Confidentiality:

- All data will be seen solely by whichever team member will compile it. At this point they will only keep the data which you enter into the questionnaire and no personally-identifiable information.
- You will have the option to abstain from all questions which you feel could in any way be used to personally identify you
- **Storage of Data:**
 - Anonymised data will be stored publicly.
 - Your consent forms will be stored by Timothy Maciag in a secure manner.
 - Your questionnaires will be destroyed once the data has been compiled and anonymized.

Right to Withdraw:

- Your participation is voluntary and you can answer only those questions that you are comfortable with. You may withdraw from the research project for any reason, at any time without explanation or penalty of any sort.
- Whether you choose to participate or not will have no effect on your position [e.g. employment, class standing, access to services] or how you will be treated.



Braintrust - Tim's Bits

USABILITY QUESTIONNAIRE

User Questions

What is your age?

- ☐ 18-25
☐ 25 - 45
☐ 45 - 65
☐ > 65
☐ Prefer not to Disclose

What is your gender?

- ☐ Male
☐ Female
☐ Other
☐ Prefer not to Disclose

What do you feel your technical skill level is? Compared to general eideas employees.

- ☐ Above Average
☐ Average
☐ Below Average
☐ Prefer not to Disclose

Group Reflection

How did you feel about this milestone?

What did you like about it?

What did you dislike?

- This was our best milestone to date
- Extra time between milestones was appreciated and crucial for our success
- Redesigning the idea system was a very necessary change
- Documentation made us think critically of our webapp
- We had to redo some functionality with the idea rework

Group Reflection

What did you learn about yourself as you collaborated and worked through this milestone?

- Careful planning will reduce headache down the road
- Having such a positive milestone was great for group morale
- Keeping a neat and tidy codebase is always a good idea

Group Reflection

How will you use what you have learned going forward?

- Further confidence in ASP, will help with the final MVP
- Creating/Writing the required documentation was very interesting, a good skill to have both personally and professionally
- Have to think like a user, not a developer/engineer

Group Reflection

What “stuff & things” related to this milestone would you want help with?

- Documentation
- User Testing

(Both will be addressed in future scrum)

Questions?

