Hooli XYZ

**Sprint 3 Report**

**Sprint Period:** 12/04/2016 – 03/05/2016

**Members:**

Connor Beardsmore – 15504319

Brendan Lally – 18407220

Adam Brown – 18338993

Jordan Chou – 18348691

Edward Lim - 18339145

**Table of Contents:**

1. Sprint Planning
2. SCRUM Meetings
3. Sprint Review
4. Sprint Retrospective

Appendix A: CSV of all user stories

Appendix B: Screenshots of Functionality

**1. Sprint Planning**

**User Stories:**

The following user stories were selected for completion in Sprint 3.

|  |  |  |  |
| --- | --- | --- | --- |
| Number: | User Story: | Area: | Effort Points: |
| 1 | As a User, I want to edit my submissions so that I can fix spelling errors. | Posting Submission | 2 |
| 2 | As a User, I want to comment on a submission so that I can voice my support of the idea. | Commenting | 2 |
| 3 | As a User, I want to suggest improvements to a submission so that I can improve on an idea. | Commenting | 2 |
| 4 | As a User, I want to edit my comments so that I can fix spelling errors. | Commenting | 5 |
| 5 | As a User, I want to edit my improvements so that I can fix spelling errors. | Commenting | 5 |
| 6 | As a User, I want to delete my comment so that I can remove my comment. | Commenting | 3 |
| 7 | As a User, I want to delete my improvement so that I can remove my improvement. | Commenting | 3 |
| 8 | As an Admin, I want to delete improvements so that I can remove inappropriate improvements. | Commenting | 3 |
| 9 | As an Admin, I want to edit improvements so that I can remove inappropriate language in an improvement. | Commenting | 3 |
| 10 | As an Admin, I want to delete comments so that I can remove inappropriate comments. | Commenting | 3 |
| 11 | As an Admin, I want to edit comments so that I can remove inappropriate language in comments. | Commenting | 3 |
| 12 | As a User, I want to down-vote on submissions so that I can acknowledge submissions I dislike. | Voting | 3 |
| 13 | As a User, I want to up-vote on submissions so that I can acknowledge submissions I like. | Voting | 3 |
| 14 | As a User, I want to see the total votes for a submission so that I can see how popular it is. | Voting | 1 |
| 15 | As a User, I want to sort submissions based on date so that I can see the newest submissions. | Viewing Submissions | 5 |
| 16 | As a User, I want to sort submissions based on popularity so that I can see the most popular submissions. | Viewing Submissions | 5 |
| 17 | As a User, I want to sort submissions based on views so that I can see the most popular submissions. | Viewing Submissions | 3 |
| 18 | As a User, I want to categorize my submission so that other users can find it easily. | Viewing Submissions | 3 |
| 19 | As a User, I want to view submissions based on category so that I can view relevant submissions. | Viewing Submissions | 5 |
| 20 | As a User, I want to search all submissions so that I can find one relevant to my field of study. | Viewing Submissions | 5 |

**Sprint Goal:**

Sprint 3 is potentially the most crucial in the project, with a significant amount of work still to complete with only 2 sprints remaining. Thus, numerous user stories from various categories were chosen to be implemented. The main Sprint goal was to implement the comment functionality and enhance the submission implementation.

**Task Breakdown:**

The user stories for the sprint were broken down into simpler high-level task units. These tasks must be finished before the user stories can be reviewed, accepted and completed:

* Create Comments / Improvements model
* Create Comments / Improvements form
* Create Comments / Improvements template
* Create comment links and URL's
* Add sorting buttons to submission view
* Create views based on sorting criteria
* Modify Submission Model to include votes
* Create Voting Model
* Add up-vote and down-vote buttons
* Create edit and delete button for submission
* Implement backend edit functionality
* Implement backend delete functionality
* Create edit form
* Redirect link to submission page with editable fields populated

**Task Distribution:**

|  |  |
| --- | --- |
| Members: | Area of Focus: |
| Jordan, Connor | Viewing Submissions. Sorting and Searching. |
| Jordan, Adam | Commenting. Posting, Editing and Deleting. |
| Brendan, Edward, Connor | Voting. Up-vote, Down-vote and Total votes. |

**Effort Estimation:**

The team produced effort estimations through discussion within the first team meeting of the sprint.

Sorting relatively high times since they require template modification + backend views + changes to actual model. Edit high because it requires forms, delete doesn’t so should be simple. Voting high since heaps of backend needed (total votes piss easy though). Edit/delete comments for both users and admin pretty average once its implemented for submissions, since most is copy paste functionality.

**2. SCRUM Meeting**

**Meeting #1 : 13/04/16**

|  |  |  |  |
| --- | --- | --- | --- |
| Members: | Completed | Uncompleted | Issues |
| Jordan, Connor | - | (15) (16) (17) (18) (19) (20) | - |
| Jordan, Adam | - | (2) (3) (4) (5) (6) (7)  (8) (9) (10) (11) | - |
| Brendan, Edward, Connor | - | (1) (12) (13) (14) | - |

**Meeting #2 : 19/04/16**

|  |  |  |  |
| --- | --- | --- | --- |
| Members: | Completed | Uncompleted | Issues |
| Jordan, Connor | (15) (16) (17) (18) (19) (20) | - | - |
| Jordan, Adam | (2) (3) (8) (9) (10) (11) | (4) (5) (6) (7) | Edit / Delete comment code just needs documenting. |
| Brendan, Edward, Connor | (1) | (12) (13) (14) | - |

**Meeting #3 : 25/05/16**

|  |  |  |  |
| --- | --- | --- | --- |
| Members: | Completed | Uncompleted | Issues |
| Jordan, Connor | (15) (16) (17) (18) (19) (20) | - | - |
| Jordan, Adam | (2) (3) (4) (5) (6) (7)  (8) (9) (10) (11) | - | - |
| Brendan, Edward, Connor | (1) (12) (13) (14) | - | Voting models may need modifying within the next Sprint for extensibility. |

**We finished earlier this sprint blah blah, last week was busy so productivity was low, we mainly started progress on stories for next sprint + cleaned up etc etc**

**3. Sprint Review**

**Completed User Stories:**

* As a User, I want to edit my submissions so that I can fix spelling errors.
* As a User, I want to comment on a submission so that I can voice my support of the idea.
* As a User, I want to suggest improvements to a submission so that I can improve on an idea.
* As a User, I want to edit my comments so that I can fix spelling errors.
* As a User, I want to edit my improvements so that I can fix spelling errors.
* As a User, I want to delete my comment so that I can remove my comment.
* As a User, I want to delete my improvement so that I can remove my improvement.
* As an Admin, I want to delete improvements so that I can remove inappropriate improvements.
* As an Admin, I want to edit improvements so that I can remove inappropriate language in an improvement.
* As an Admin, I want to delete comments so that I can remove inappropriate comments.
* As an Admin, I want to edit comments so that I can remove inappropriate language in comments.
* As a User, I want to down-vote on submissions so that I can acknowledge submissions I dislike.
* As a User, I want to up-vote on submissions so that I can acknowledge submissions I like.
* As a User, I want to see the total votes for a submission so that I can see how popular it is.
* As a User, I want to sort submissions based on date so that I can see the newest submissions.
* As a User, I want to sort submissions based on popularity so that I can see the most popular submissions.
* As a User, I want to sort submissions based on views so that I can see the most popular submissions.
* As a User, I want to categorize my submission so that other users can find it easily.
* As a User, I want to view submissions based on category so that I can view relevant submissions.
* As a User, I want to search all submissions so that I can find one relevant to my field of study.

**Unfinished User Stories:**

There were no user stories left unfinished at the conclusion of this Sprint period.

**Review Data:**

* Total Stories: 46
* Completed: 32
* Uncompleted: 14
* Total Progress: 70%

**Review Data:**

The statistics and data within the figures below were produced via the Pivotal Tracker software utilized by the team. They illustrate the progress throughout the current iteration and progress towards the final release.

**4. Sprint Retrospective**

**Sprint Ratings**

* Communication: 7/10
* Performance: 9/10
* Work Ethic: 9/10

**What went well?**

20 user stories completed, makes next sprint less crucial. A lot of functionality implemented. Communication was good, despite weeks off + 2 weeks without PDM. Everyone completed what was assigned, no issues brought up in meetings. Finished sprint early which allowed planning for next sprint. Working in teams.

**We want to keep doing:**

Keep up the high productivity. Hoping finish next sprint early to allow us to finalize product before release. Keep communicating well. Keep not being shit. Working in teams.

**What did not go well?**

Nothing? In all honesty, most things went super well. Not much to fault. Could have communicated better with product owner, since time to get work delivered was pretty short, still nothing we could have personally done about this though. Git played up at times due to TOO MUCH work on project, so many merge conflicts were had and it was not fun.

**We want to start:**

Doing every sprint like this, tracking common defects to help us troubleshoot problems when they arise. Code documentation could be a tad better, document so other team members can understand better.

**Appendix B: Screenshots of Functionality**

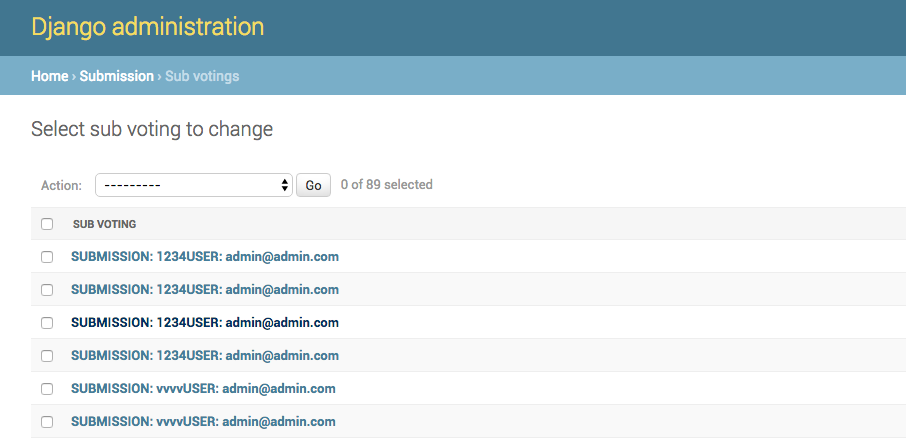
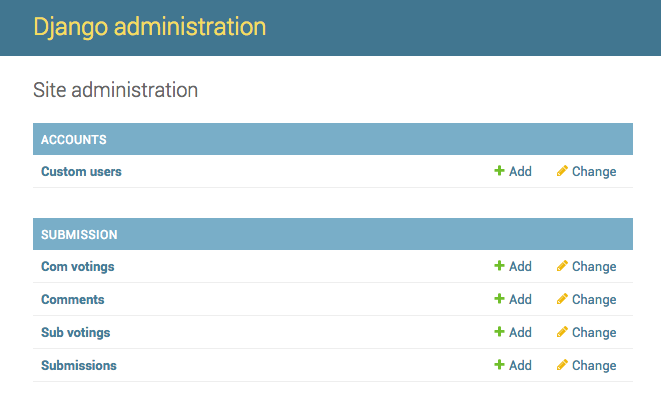


Figure 1: Django Admin Platform

Figure 2: "Sub Voting" Model

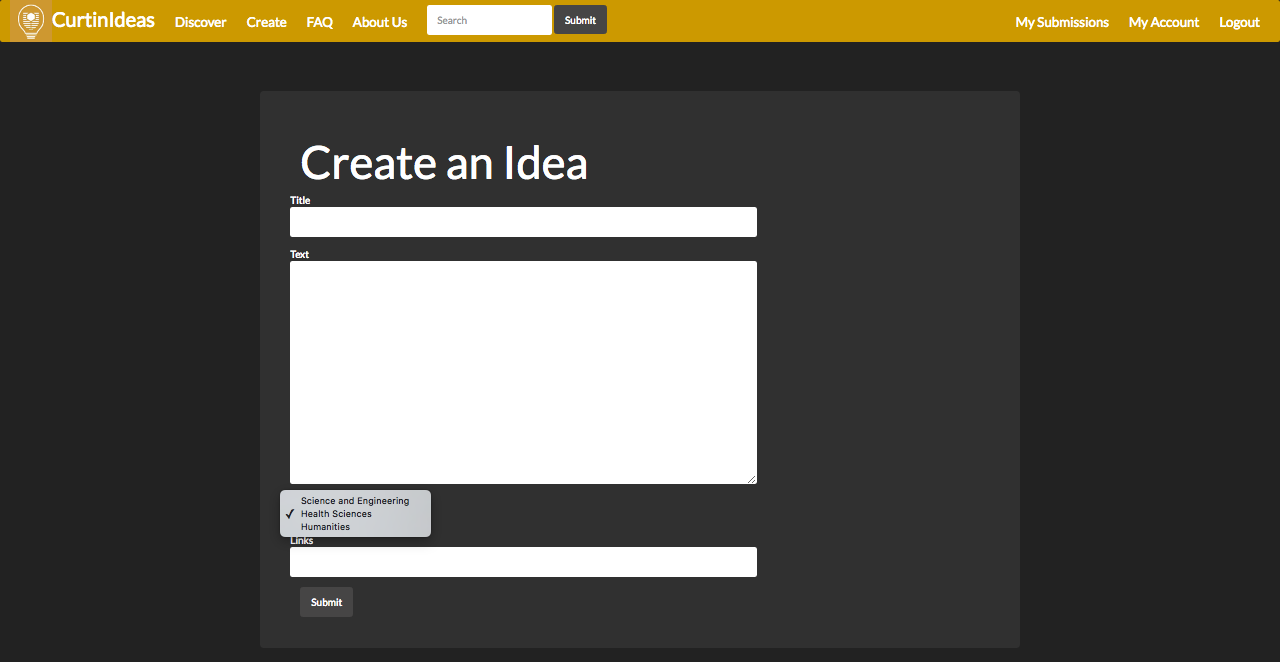
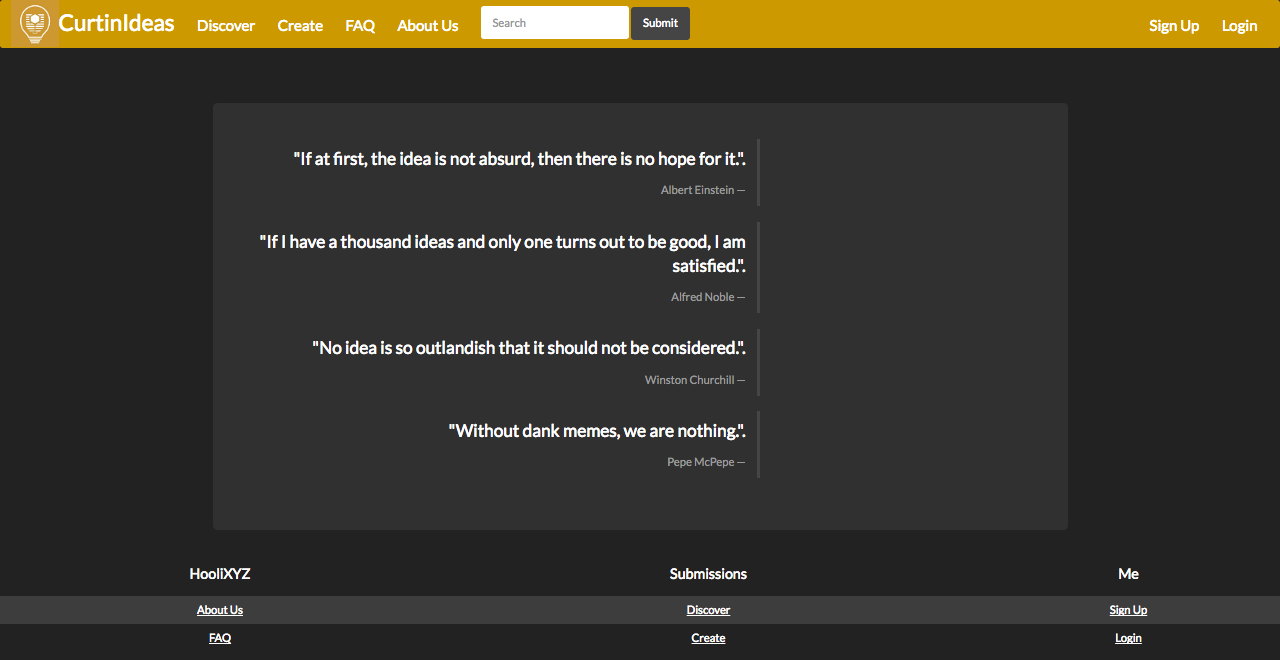


Figure 3: Home Page

Figure 4: Create Submission

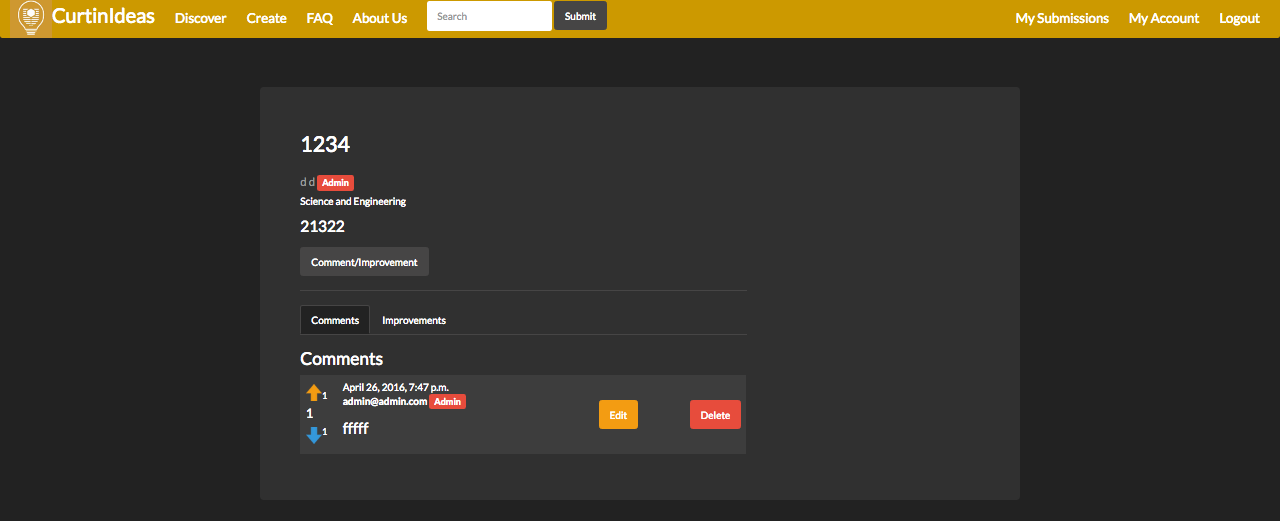
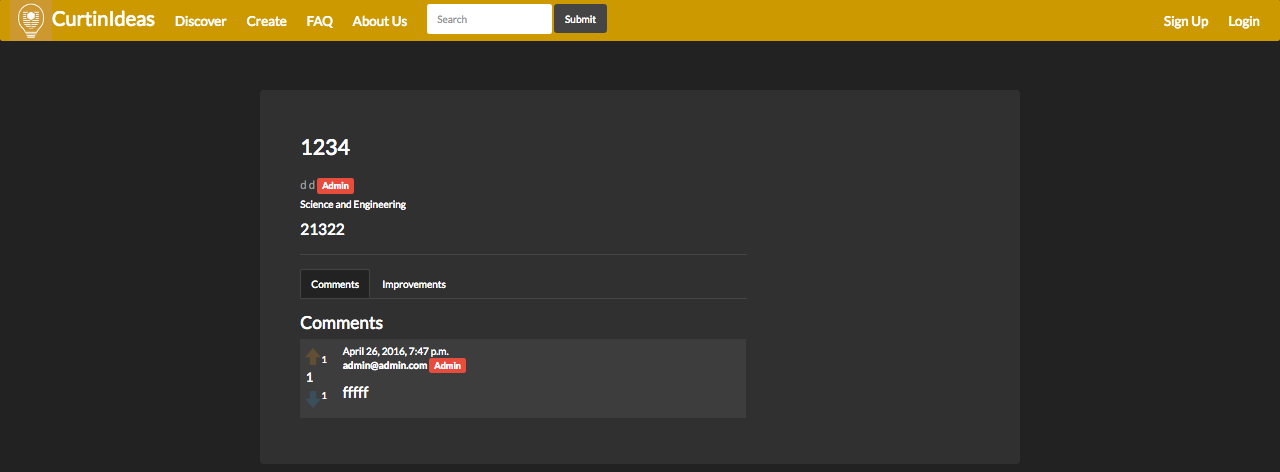
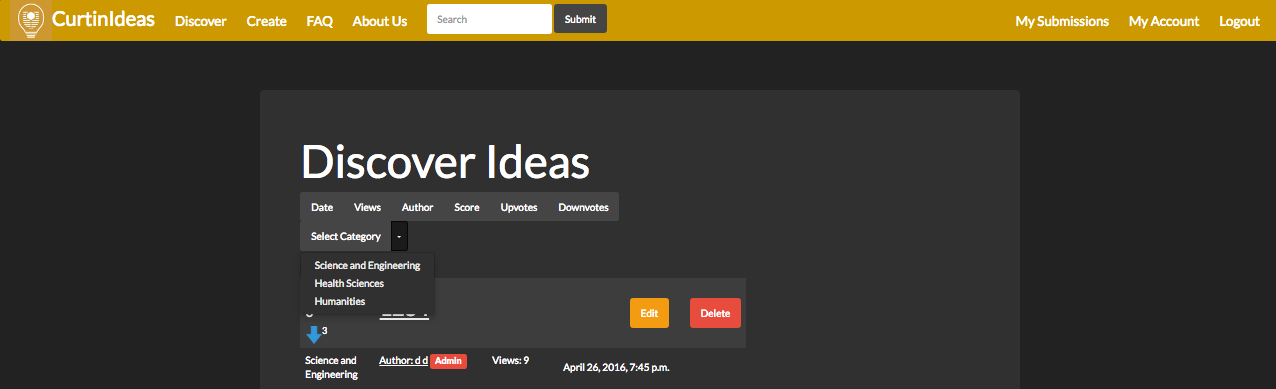


Figure 5: Sorting Submissions

Figure 6: Comments View - My Comment

Figure 6: Comments View - Standard