

Sprint 1 Document

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1. Project Title and Authors

1.1. Assigned Team Number

1.2. Team Name

LetsGITit

1.3. Team Members

Name	USC ID	USC Email
Edward Han	7421483867	hane@usc.edu
Joyce Wang	7039608014	joycew@usc.edu
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Summer Seo	8321974769	summerys@usc.edu
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2. Preface

In our Sprint 1 Backlog document, we document our daily scrums over the course of 6 days. To organize this, we used Trello to document our daily scrums, including deadlines for our functionalities.

3. Daily Scrum

3.1. Day 1

a. Meeting start time and end time

Monday Oct 30, 2017

10:30 AM to 11:00 AM

b. Meeting location

MRF340

c. Summary of every team member's performance

- Edward:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - N/A
 - What will I do today to help the team meet the Sprint goal?
 - Come up with functionality to delete a comment from the database
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Joyce:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - N/A
 - What will I do today to help the team meet the Sprint goal?
 - Complete Rating and Poll Page UI
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Robert:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - N/A
 - What will I do today to help the team meet the Sprint goal?
 - Fix the bug where profile did not redirect user to question page
 - Move the search bar to the home page instead of the navbar
 - Add question like to question table so it can be polled to search in order of questions. Fix everything that this affects.
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Summer:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - N/A
 - What will I do today to help the team meet the Sprint goal?
 - Make edit and delete button and make it viable to only user's comment
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Woonghee:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Not Applicable for the first meeting for Sprint 1
 - What will I do today to help the team meet the Sprint goal?

- Do not let the users see the 5 most popular tags in other pages. Only show on home page / search page
- Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None

3.2. Day 2

a. Meeting start time and end time

Wednesday Nov 1, 2017

2:30 PM to 2:45 PM

b. Meeting location

In Front of SAL

c. Summary of every team member's performance

- Edward:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Devise a sql statement that will query the database from the server and delete it
 - What will I do today to help the team meet the Sprint goal?
 - Test and ensure that it deletes appropriately in MySQL and connect its functionality with Summer's delete button
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Joyce:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Finished the Rating and Poll Page UI
 - What will I do today to help the team meet the Sprint goal?
 - Insert user's poll vote into the database
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Robert:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Fixed the bug where profile did not redirect user to question page
 - Moved the search bar to the home page instead of the navbar (fixed controller issue with that)
 - Added question like to question table so it can be polled to search in order of questions. I was able to do this so it didnt affect to much via MySQL's default keyword.
 - What will I do today to help the team meet the Sprint goal?
 - Implement question liking functionality.

- Make question ordered by number of likes in all search queries.
 - Insert a numFollowers parameter into the users table so that it could be rapidly displayed when in user profile
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Summer:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Figured out how to restrict edit and delete button to only show on user's comment.
 - What will I do today to help the team meet the Sprint goal?
 - Writing edit comment functionality
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Woonghee:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - I finished one of the requirements for our Sprint goal which was making the 5 most popular tags only visible in the main page
 - What will I do today to help the team meet the Sprint goal?
 - One of the requirements we didn't finish implementing was disabling the closed polls/ratings. With our current functionality, our comparison is only accurate by days, not by the actual time (hr/min/sec). I am going to fix this issue so that our ratings/polls are closed appropriately.
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None

3.3. Day 3

a. Meeting start time and end time

Thursday Nov 2, 2017

4:15 PM to 4:35 PM

b. Meeting location

Virtual (Group Video Chat in Messenger)

c. Summary of every team member's performance

- Edward:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Finish up testing deleting comments from database
 - What will I do today to help the team meet the Sprint goal?
 - Make a profile picture/avatar for a user that is logged in.

- Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Joyce:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Inserted the user's vote for a poll into the database. Doesn't allow revotes yet.
 - What will I do today to help the team meet the Sprint goal?
 - Display the current poll results on poll page
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Robert:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Implemented question liking functionality.
 - Made question ordered by number of likes in all search queries.
 - Inserted a numFollowers parameter into the users table so that it could be rapidly displayed when in user profile
 - What will I do today to help the team meet the Sprint goal?
 - Update the following user functionality to also increment the number of followers in the users table.
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Summer:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Edit button on comment works.
 - Updates in database, result prints out correctly on the website.
 - What will I do today to help the team meet the Sprint goal?
 - Trying to connect delete button with delete server code Edward wrote.
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - There is a problem deleting the row from database because of foreign key constraint. Need to decide either to delete the table that cause problem, or keep trying to make it work.
- Woonghee:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - I finished comparing the closing date and the current time correctly. Also, users cannot choose an end date that has the same date of creation, and must be at least 1 day after.
 - What will I do today to help the team meet the Sprint goal?
 - Currently, the only difference between open polls/ratings and closed polls/ratings is that closed polls/ratings display "CLOSED" on their end date. I will be disabling the

functionalities in closed polls so that users cannot like/dislike, vote, or write a review on them.

- Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - The time comparison took longer than expected. I could not start on disabling the polls before I had the comparison working correctly.

3.4. Day 4

a. Meeting start time and end time

Friday Nov 3, 2017
7:00 PM to 7:30 PM

b. Meeting location

Virtual (Group Video Chat in Messenger)

c. Summary of every team member's performance

- Edward:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Create the html that contains the profile image
 - Create a default cardinal and gold profile picture for a logged in user with basic image editing software, based on KnowItAll's model of USC
 - Successfully displays in profile only when the user logs in
 - What will I do today to help the team meet the Sprint goal?
 - Make the profile picture clickable and redirect them to a new page that allows the user to change their profile picture with a new url/link for the image
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - I may run into trouble with saving the url in the current session and save it with cookies
- Joyce:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Fetched poll results from the database and displayed it on the poll page.
 - What will I do today to help the team meet the Sprint goal?
 - Allow users to update their vote for a poll.
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Robert:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Update the following user functionality to also increment the number of followers in the users table.
 - What will I do today to help the team meet the Sprint goal?
 - Fix bug in search where it would not always display the number of likes

- Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - Some old code was pushed over my existing code for showing the number of likes in the feed controller, after I found that it was an easy fix.
- Summer:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Kept trying to figure out deleting button. Tried many different ways but all failed.
 - What will I do today to help the team meet the Sprint goal?
 - Change database and make delete work.
 - Create like / dislike button for comment
 - Do I see any impediment that prevents me *or the team from meeting the Sprint goal*?
 - *None if database table change causes unpredictable problem.*
- Woonghee:
 - *What did I do yesterday that helped the team meet the Sprint goal?*
 - *I successfully disabled the closed polls/ratings. It now closes appropriately and shows the actual time if it has the closing date.*
 - What will I do today to help the team meet the Sprint goal?
 - I am going to make the search bar more user friendly. Currently, we can only click on the search button in order trigger the search function. I will bind the search text field with an Enter Key so that users can click enter to search.
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - While debugging, it was uncomfortable to manually click search button to see our search results. It will be more convenient for both users and us developers after implementing this functionality.

3.5. Day 5

a. Meeting start time and end time

Monday Nov 6, 2017
10:30 AM to 11:00 AM

b. Meeting location

MRF340

c. Summary of every team member's performance

- Edward:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - User can click on the profile picture from the profile page
 - Create some html items including a text field, label, and submit input button in a new page
 - Create a function that dynamically appends

- What will I do today to help the team meet the Sprint goal?
 - Modify the change url functionality so that it works as intended
- Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - I could not figure out how to pass the url entered in the text field in the new page back to profile and dynamically update the profile picture, so I decided to just put the text field and button in the same page as the profile page. I also decided to use a different html structure/functionality for the profile picture
- Joyce:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Updated database whenever a user wants to update their vote for a poll.
 - What will I do today to help the team meet the Sprint goal?
 - Work on the UI for the Home Page
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Robert:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Fixed bug in search where it would not always display the number of likes
 - What will I do today to help the team meet the Sprint goal?
 - Update the other profile page so that it displayed the number of followers
 - Update the profile page so that it also displays your username
 - Make the number of followers also display in the users own profile page (which is a bit more involved)
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Summer:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Delete button works. Also delete row from database after deleting "QuestionToComment" table. Made Like/dislike to appear next to each comment.
 - What will I do today to help the team meet the Sprint goal?
 - Create new mysql table for comment like/dislike feature.
 - Keep working on like/dislike buttons.
 - Print Error message when user is already voted.
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - Trying out different ways to store like/dislike value for each comments. Since a user can comment multiple times, it is a bit different than how we store voting values for poll/rating. It may take longer than planned to figure out mysql table structure.

- Woonghee:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Users can now search not only by clicking the search button but also by pressing the enter key.
 - What will I do today to help the team meet the Sprint goal?
 - I am organizing the required documentation for this assignment so other members who have more complex functionalities to implement can focus on their work.
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None

3.6. Day 6

a. Meeting start time and end time

Tuesday Nov 7, 2017

5:00 PM to 5:15 PM

b. Meeting location

Virtual (Group Chat in Messenger)

c. Summary of every team member's performance

- Edward:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Make basic functionality work for changing the profile picture
 - What will I do today to help the team meet the Sprint goal?
 - After implementing the new functionality, it works as intended. Now I have to store the image url in the database so that it saves the state of the profile, and when the user logs out and logs back in, the image that was changed will now be saved. Also I want to implement it so that
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Joyce:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - Created the UI for the Home Page
 - What will I do today to help the team meet the Sprint goal?
 - Make the UI responsive so that it can be used on smartphones and tablets
 - Start on the Profile UI
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Robert:
 - What did I do yesterday that helped the team meet the Sprint goal?

- Update the other profile page so that it displayed the number of followers
 - Make the number of followers also display in the users own profile page (which is a bit more involved)
 - What will I do today to help the team meet the Sprint goal?
 - Make like and dislike comments work
 - Update the other user profile page so that it displays their username
 - Add UI changes to profile
 - Fix bug on other user profile where the question links are not clickable, again.
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Summer:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - like/dislike kind of works. Error messages prints out correctly.
 - What will I do today to help the team meet the Sprint goal?
 - Finish Like/dislike button for comments.
 - Finish writing code for server.
 - Change Dummy datas.
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None
- Woonghee:
 - What did I do yesterday that helped the team meet the Sprint goal?
 - The required document is all organized now. Other team members only needs to write their daily scrum parts for the documentation.
 - What will I do today to help the team meet the Sprint goal?
 - One of the other team members finished displaying like/dislike for comments on polls/ratings pages. I am going to disable those functionalities if polls/ratings are closed.
 - Fix the end date on profile page. (Currently not showing anything if it's open forever)
 - Do I see any impediment that prevents me or the team from meeting the Sprint goal?
 - None

4. Sprint Review

What has been done? What was planned but wasn't completed/implemented?

A default profile image was created and a text field that takes in a URL that allows a user to change their profile picture. However, right now the website doesn't crash but it doesn't check for invalid urls that

don't work. For the next sprint, this needs to be implemented so that it will check if the url is valid, and if it isn't, then make no changes, which should be a simple change.

Sprint 1 Backlog:

- Make UI responsive (**DONE**)
- Display number of followers (**DONE**)
- Make a separate comment page (**Decided not to implement it. Not Necessary**)
- Make Likes editable

We can edit likes and ratings and it automatically refreshes, but the number of likes displayed on main page does not match currently. Also, like and dislike functionality is implemented for comment but not completely bug free.

- Organize searches by likes (**DONE**)
- Make comments deletable (**DONE**)
- Make comments editable (**DONE**)
- Disable buttons in rating/poll page when it's closed (only display results) (**DONE**)
- Move search bar to home page (**DONE**)

Extra functionalities implemented:

- Move top 5 tags to home page
- Display closing time on polls/rating
- Enter key binds with search button
- Adding and updating poll vote
- Display poll results
- Made the UI look very nice for home page and profile pages
- Fix profile bug where profile would not redirect user to questions
- Create a default Profile picture for a logged in user and allows the user to change their profile picture with a url
- Ability to like and dislike comments
- Display usernames on profile pages

What went well during the sprint?

Because each of us set small tasks for ourselves to complete by a specific deadline and documented this on Trello, we were able to implement everything we planned to do in Sprint 1 as well as some extra functionalities. Compared to our initial implementation before our 1st sprint, we found this to work pretty well, as it was less daunting to work on smaller tasks at a time and we finished a lot more. And we managed to add a lot small functionalities that added up to a sizeable amount. Also, by specifying who is in charge of which task on Trello, everyone was well aware of who was doing what and what has been completed, preventing any of us from accidentally implementing something someone already implemented.

What could be improved in the next Sprint?

We could be more specific on what each person is working on because sometimes two or more people were working on the same functionality, which created merge conflicts towards the end. Also, if someone

is responsible for a function that requires more time and effort, other team members should help to complete it. Since we have decided to incorporate Trello, we plan to make better use of it, and actually strive to meet the deadlines that we have set for ourselves.