



Team 15 - Sprint I Retrospective Document

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WHAT WENT WELL?

In Sprint 1, we were able to complete all of our user stories. Initially we were behind schedule due to spending the majority of our time learning the new languages, frameworks, and tools needed to satisfy the user stories. However, after we set up our work environments and learned the basics of the frameworks, we completed the user stories within our allotted time.

#	User Story	Contributors	Hours
1	As a guest, I would like to be able to view existing clusters.	Shane, Joey, Andrew, David, Shai, Fred	55
	The user is able to see a list of current clusters on the dashboard. The database is able to process database queries correctly. When an API request is made, the logic controller is able to handle the request properly.		
2	As a guest, I would like to be able to create an account using Facebook.	Shane, Joey, Andrew, David, Fred	40
	When a user visits the landing page, they are able to click a button, which redirects the user to Facebook to sign in and authenticate the session. When the user makes an API call, our backend is able to verify the authentication.		
3	As a logged-in user, I would like to be able to view my profile.	Joey, David, Fred, Shai	7
	When a user clicks the "Profile" button on the sidebar, they the user is redirected to their profile page.		
4	As a logged-in user, I would like to be able to start a cluster.	Joey, Andrew, David, Fred	25
	When a user attempts to form a cluster, the cluster is correctly logged on the backend server and stored in the database. When a user attempts to form a cluster, the user is redirected to a page containing a form for cluster information and preferences. When a user inputs information into the form on the "Create a Cluster" page, the data is correctly stored on the database.		
5	As a logged-in user, I would like to be able to log out.	Shane, Joey, Shai	15
	When a user clicks the sign out button, the user will be deauthenticated, treated as a guest, and returned to the landing page.		

#	User Story	Contributors	Hours
6	As a logged-in user, I would like to be able to view and join existing clusters.	Shane, Joey, Andrew, David, Shai	31
	When a user selects a cluster to join, the backed adds the user to the cluster and provides information to the frontend to generate a view for the user. When changes to user and clusters are made, the changes are written into the database and updated properly. When the user goes to cluster information, the user sees all the information necessary.		
7	As a logged-in user, I would like to be able to leave a cluster.	Shane, Andrew, Fred, Shai	13
	When the user clicks the button, the user is removed from the cluster and returned to the list of cluster groups. When the cluster has zero members, the cluster is deleted.		

WHAT DID NOT GO WELL?

Although we completed all of our user stories, we became accustomed to starting and completing work towards the end of the week. Instead of spacing out our work over the course of the week, we were forced to spend large amounts of time during the final few days completing our tasks. As a group, we implement and follow a more concrete timetable in order to better distribute our workload throughout the week.

Since this was Sprint 1, we severely underestimated the amount of time it would take to set up our environments, as well as how long it would take to learn our respective languages and tools. Also, toward the end of the sprint, we realized that we needed to learn Angular.js in addition to Bootstrap.js, which increased the workload of our frontend team.

HOW SHOULD WE IMPROVE?

During Sprint 2, there are a few ways we will try to improve individually and as a group. To address the issue of procrastination, we will set incremental deadlines within the sprint for different parts of each user story. This will allow us to be more efficient with our time and finish the user stories within the allotted time as opposed to requiring additional time toward the end of Sprint 2. Additionally, we intend to be more thorough

with our research regarding the best methods, tools, and languages to use in order to minimize time spent researching replacements.