

# OneUp

## Sprint One Planning Document

### Team 13

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# Table of contents

<i>Topics</i>	<i>Page Numbers</i>
1. Sprint Overview	3
2. Current Sprint Detail	4
3. Remaining Backlog	15

## Sprint Overview

For our initial sprint, we are going to focus on making the base frame for our iOS and Android apps. By the end of this Sprint, we should have a functioning Backend interface. A user will be able to install the iOS and Android app. They will login to it (using a dummy login) and be able to access the pages of the app. All the pages will be setup. The list Newsfeed will be fully usable and scrollable with placeholder items.

**Scrum Master:** Marty Kausas

**Meeting Schedule:** Sunday 3:00pm, Tuesdays and Thursdays 1:30pm

**Risks/Challenges:** Not all team members are familiar with all the technologies that we plan on utilizing, such as MongoDB, Google Maps API, Node.js, FLAnimatedImages, design software, and as a result some time will need to be taken to familiarize ourselves with the technologies. Moreover, the team members will have to try and experiment with different third party libraries and/or native processes to optimise memory utilisation, especially for the scrolling parts.

## Current Sprint Detail

### User Story #1

As a user, I would like the design style to be consistent between platforms

#	Task Description	Estimated Time	Owner
1	Look into libraries and pods	2 hrs	Marty
2	Design logo	5 hrs	Jeremy
3	Design table cell	5 hrs	Marty
4	Design newsfeed	5 hrs	Nicky
5	Design account page	5 hrs	Marty
6	Design settings page	5 hrs	Nicky
		Total: 27 hrs	

#### Acceptance Criteria:

- Given the user is viewing the news feed, when they scroll through the feed, then users on different platforms should see the stylistically similar content
- Given a view of the app, when a user views it on iOS or Android, then they should have a similar experience
- Given a user, when they see our logo, they should recognize our app as OneUp

## User Story #2

As a user, I want to be able to use this on iOS

#	Task Description	Estimated Time	Owner
1	Setup Storyboard layout	2 hrs	Marty
2	Create LoginViewController	1 hrs	Harris
3	Create LocalChallengesViewController	1 hrs	Marty
4	Create PopularChallengesViewController	1 hrs	Harris
6	Create GlobalChallengesViewController	1 hrs	Marty
7	Create NotificationsViewController	1 hrs	Harris
8	Create ChallengeDetailViewController	1 hrs	Harris
9	Embed view controllers in main UINavigationController	1 hrs	Marty
10	Create APIClient	1 hrs	Harris
11	Create Challenge Model	1 hrs	Harris
12	Create and embed all ViewControllers in the MainTabBarController	1 hrs	Marty
		Total: 12	

### Acceptance Criteria:

- Given the app, when the user uses the app, then navigation should be easy and intuitive
- Given a required web request, when implementing the request, then implementation should be as easy as extending a class and adding some instance methods
- Given any task from here on out, when a dev goes to implement a feature, they should have a place to put the code and not have to create new activities

### User Story #3

As a user, I want to be able to use this on Android

#	Task Description	Estimated Time	Owner
1	Create Parent Activity (with Nav Drawer)	5 hrs	Rajan
2	Create Activity for Newsfeed	2 hrs	Adam
3	Create Activity for Challenge Creation	2 hrs	Rajan
4	Create Activity for Notifications	2 hrs	Adam
5	Create Activity for Bookmarks	2 hrs	Rajan
6	Create Activity for Profile	2 hrs	Adam
7	Implement Web Request Classes	3 hrs	Adam
8	Implement connecting to APIs	2 hrs	Adam
9	Decide on code styles	1 hrs	Adam
		Total: 21 hrs	

#### Acceptance Criteria:

- Given the app, when the user uses the app, then navigation should be easy and intuitive
- Given a required web request, when implementing the request, then implementation should be as easy as extending a class and adding some instance methods
- Given any task from here on out, when a dev goes to implement a feature, they should have a place to put the code and not have to create new activities

## User Story #4

As a user, I would like to view challenges that are recent, popular, or global

#	Task Description	Estimated Time	Owner
1	Implement the newsfeed	23 hrs	
1.1	Android	4 hrs	Adam
1.2	iOS	4 hrs	Harris
1.3	General Backend API	10 hrs	Jeremy
1.4	Implement paging for API results	5 hrs	Jeremy
2	Implement the newsfeed row UI class	4 hrs	
2.1	Android	2 hrs	Adam
2.2	iOS	2 hrs	Marty
3	Call API endpoint to retrieve newsfeed items	4 hrs	
3.1	Android	2 hrs	Adam
3.2	iOS	2 hrs	Harris
4	Implement tabs for recent, popular, and global	10 hrs	
4.1	Android	3 hrs	Adam
4.2	iOS	3 hrs	Marty
4.3	Backend API	4 hrs	Jeremy
		Total: 41 hrs	

### Acceptance Criteria:

- Given a user, when they view the newsfeed, they should be able to get all the information they need for each challenge
- Given a user, when they scroll down the newsfeed, they should have an unlimited stream of cool new challenges to view

- Given a user, when they want to change from recent to popular, or global, or etc, they should be able to easily find the tabs



## User Story #5

As a user, I would like to be able to quickly discern popular challenges

#	Task Description	Estimated Time	Owner
1	Implement a ranking function based on upvotes and time since post	2 hrs	Harris
2	Create API endpoint to fetch popular challenges	5 hrs	Jeremy
3	Add UI elements to display challenges popularity and upvote/downvote	4 hrs	-
1.1	Android	2 hrs	Rajan
1.2	iOS	2 hrs	Harris
		Total: 11 hrs	

### Acceptance Criteria:

- Given a challenge, when the user views challenge, then they should be able to view the challenge's popularity.
- Given a newsfeed, when the user views the newsfeed, then they should be able to see challenges ranked by popularity.
- Given a challenge, when the user views a challenge, then they should be able to upvote or downvote the challenge.

## User Story #6

As a user, I would like to be able to see what category a challenge falls in

#	Task Description	Estimated Time	Owner
1	Add UI element to display records category	4 hrs	-
1.1	Android	2 hrs	Rajan
1.2	iOS	2 hrs	Marty
2	Implement filters to filter challenges by category	6 hrs	-
2.1	Android	3 hrs	Rajan
2.2	iOS	3 hrs	Marty
3	Return a list of categories with a challenge from API	2 hrs	Nicky
		Total: 12 hrs	

### Acceptance Criteria:

- Given a user viewing the newsfeed, when a user searches by category, then challenges will be displayed that fall into that category.
- Given a category, when the user views that category, then there will be a unique identifier associated with that category.
- Given a challenge, when the user creates the challenge, then there will be a way to assign a category to that challenge.

## User Story #7

As a user, I would like to see more graphic content then text while scrolling through a feed

#	Task Description	Estimated Time	Owner
1	Implement media containers for each challenge.	8 hrs	-
1.1	Android	4 hrs	Rajan
1.2	iOS	4 hrs	Marty
2	Implement an infinite scroll in the newsfeed containing the containers.	6 hrs	-
1.1	Android	3 hrs	Rajan
1.2	iOS	3 hrs	Harris
		Total: 14 hrs	

### Acceptance Criteria:

- Given a newsfeed, when a user scrolls, then they can infinitely scroll seamlessly to view a large number of challenges.
- Given a news feed, when the user sees challenges on the news feed, the associated media for the challenge will be elegantly displayed.
- Given a news feed, when the user views the feed, graphical content will be prominent.

## User Story #8

As a user, I would like to be able to see records around me on a map

#	Task Description	Estimated Time	Owner
1	Link GoogleMaps API	6 hrs	-
1.1	Android	3 hrs	Rajan
1.2	iOS	3 hrs	Harris
2	Implement Map Views	6 hrs	-
2.1	Android	3 hrs	Adam
2.2	iOS	3 hrs	Harris
3	Make pop-up challenge panel	8 hrs	-
2.1	Android	4 hrs	Rajan
2.2	iOS	4 hrs	Harris
		Total: 20 hrs	

### Acceptance Criteria:

- Given an area with challenges, when the user views challenges, then the challenges can be viewed in a map view.
- Given a map view with challenges, when the user taps on a challenge in the map view, then challenge information will be displayed.
- Given a map view with challenges, there should be neat little custom icons to indicate challenges

## User Story #9

As a user, I would like to be able to see where challenges have been completed

#	Task Description	Estimated Time	Owner
1	Link challenge locations to the map view	4 hrs	-
1.1	Android	2 hrs	Adam
1.2	iOS	2 hrs	Harris
2	In list view, filter challenges based on a location radius	4 hrs	-
2.1	Android	2 hrs	Adam
2.2	iOS	2 hrs	Harris
		Total: 8 hrs	

### Acceptance Criteria:

- Given an area with challenges, when the user opens the map view, then challenges will be displayed by their geographic locations.
- Given a newsfeed populated by challenges, when the user views the newsfeed, challenges will be displayed based on the location of the user.
- Given a challenge, when a challenge is created, then a geographic location will be tied to the challenge.

## User Story #10

As a developer, I want the ability to push to staging and production servers

#	Task Description	Estimated Time	Owner
1	Setup production + Staging servers + Maintain them	8 hr	Nicky
2	Create sample data seeders for the DB	6 hr	Jeremy
3	Make backend auto-deploy when new code is pushed to git	4 hr	Nicky
		Total: 18 hrs	

### Acceptance Criteria:

- Given a developer, they should be able to enter one command to run a simple script that will update staging and production servers with the latest code.
- Given a developer, they should be able to run a script that will generate sample data and insert it into the database.
- Given the database, there should be sample data hard coded.

## Remaining Backlog

### Functional:

1. As a user, I would like to be able to create an account.
2. As a user, I would like to be able to link my Facebook account to the app
3. As a user, I would like to express opinion on past records
4. As a user, I would like to be able to see a list of currently running timed events
5. As a user, I would like to save my history and challenges
6. As a user, I would like to be able to view all details about a challenge
7. As a user, I would like to be able to see who held the challenge before me
8. As a user, I would like to be identified by a username
9. As a user, I would like to be able to quickly distinguish challenges I've topped in the feed
10. As a user, I would like to know how long each record was held for
11. As a user, I would like to be able to view my, and others', history
12. As a user, I would like to be able to view a list of my records held
13. As a user, I would like to be able to save challenges for reference
14. As a user, I would like to be able to place money on a challenge being broken
15. As a user, I would like to be able to put a timer filter on my media to help with content verification
16. As a user, I would like to see records that are made in other areas
17. As a user, I would like to be notified if a challenge I watch or have broken is broken
18. As a user, I would like to be able to carry out all the same actions on the web (if time allows)
19. As a user, I would like to be able to link my Google Plus account to the app (if time allows)
20. As a user, I would like to know about community events regarding certain challenges (if time allows)
21. As a user, I would like to be able to report inappropriate challenges and fake users (if time allows)
22. As a developer, I would like user-inputted challenges to follow a structure
23. As a developer, I would like to make a web splash page for the app (if time allows)
24. As a user, I would like to be able to use force touch to preview submissions (if time allows)
25. As a user, I would like to be able to have video previews begin playing when I look at them (if time allows)

### Non-Functional:

1. As a user, I would like to be able to easily view and upload videos
2. As a user, I don't want to have to wait for more records to load

3. As a user, I don't want to have to wait more than 10 seconds for a video upload
4. As a user, I want a seamless experience without any lag
5. As a user, I want the app to be stable and not experience crashes
6. As a user, I want my account to be secure
7. As a user, I would like to be able to use the app without an internet connection (if time allows)
8. As a developer, I would like to be able to track app usage
9. As a developer, I want the our servers to keep up with load
10. As a developer/administer, I want to be able to reject submissions, and review reported submissions