Frame For Android

CS 307 Software Engineering I
Team 1 Sprint Document 2

Grant Jochums
Raaghavendar Karthikeyan
Daniel Sokoler
Craig Wilhite
Adam Worthington

Sprint Overview

The purpose of this sprint is to nail down the core functionality of the application and the features that separate it from the anyother form of social media already on the market. We hope to have a distinct and complete product that has all of its defining features polished and functional by the end of this sprint.

By the end of this sprint we want to have a user interface that is capable of taking pictures and videos and posting them to our database, we want the database to store and retrieve posts based off of the clients geographical location, and we want the client to populate its post views with the media retrieved form the server.. We also want to have the server convert text sent to it from the client into an image that represents that text. Some stretch goals we have for this sprint will be to allow users to upvote/downvote posts, sort posts by top rated or newest, comment on posts, comments on comments, and flag posts.

The scrum master shall be **Adam Worthington**. Our team expects to meet on Tuesday, Thursday, and Saturday in the early afternoon of each week to conduct a scrum meeting. These meetings are aimed to help any team members struggling with feature implementation and to help keep team members on track.

Some risks that will present themselves in this sprint is the number of user stories we want to accomplish. We have a solid foundation laid out from our first sprint and we are optimistic that it will be easy to build off of that foundation, but if we run into a lot of issues it could become and difficult to complete all of the user stories during the sprint.

Current Sprint Details

As a user, I would like to take pictures with my phone to upload.	Time Estimate	Owner
Alter current JSON packets to allow for picture transfer	2	GJ
Create User Interface and components to invoke hardware camera along with modified camera UI.	10	CW
Create a View that displays the image (and would allow for editing of the image)	10	CW

Acceptance criteria: When the UI allows for an image to be taken and stores it on the device.

As a user, I would like to take videos with my phone to upload.	Time Estimate	Owner
Create User Interface and components to invoke hardware camera along with modified camera UI.	10	RK
Create a View that displays the video and verifies that the user wants to post the video	10	RK

Acceptance criteria: When the UI allows for a video to be taken and stores it on the device.

As a user, I would like to write text to be converted into an image to be uploaded.	Time Estimate	Owner
Convert text to image	15	GJ

Acceptance criteria: When the server is able to convert a text string into an image that contains that string.

As a user, I would like to anonymously post pictures to my local community.	Time Estimate	Owner
Alter RESTful interface to handle pictures, includes altering POST functionality	8	AW

Complete JSON Standard for images	2	GJ
Determine best way to handle storage of pictures	5	DS
Set up database table(s) to store images	5	DS

Acceptance criteria: When the client can send the image previously stored on the device to the server and have the server send the image to the database where it will be stored based on location.

As a user, I would like to anonymously post videos to my local community.	Time Estimate	Owner
Alter RESTful interface to handle videos elegantly, includes altering post functionality	8	AW
Complete JSON Standard for videos	2	GJ
Determine best way to handle storage of videos	5	DS
Set up database table(s) to store videos	5	DS

Acceptance criteria: When the client can send the video previously stored on the device to the server and have the server send the video to the database where it will be stored based on location.

As a user, I would like to interact with the content on the media feed by upvoting, downvoting, and flagging.	Time Estimate	Owner
Add working UI elements for upvote	5	RK
Add working UI elements for downvote	5	RK
Add working UI elements for flagging	5	CW
Create functionality that sends the data to the server	5	CW

Acceptance criteria: When the user is able to indicate an upvote, downvote, or flag, the UI acknowledges what was done, and the server is informed.

As a user, I would like only relevant media to be posted to my feed	Time Estimate	Owner

Alter GET functionality to send more information for relevance algorithm	5	AW
Develop basic relevance algorithms based on time and location	5	AW
Alter the JSON packet sent back to the front end to incorporate the new queried information	2	GJ

Acceptance criteria: When the database sends posts that were made from a client that is geographically close to the requester and the user interface displays them.

Remaining Backlog

User stories to be implemented if time permits

As a user, I would like to sort posts (top x, newest, etc).
As a user, I would like to comment on posts.

User stories to be implemented in Sprint 3

As a user, I would like to filter the content I see by tags.
As a user, I would like to search for content with a tag.
As a user, I would like to view content from areas I'm not in, but not be able to interact with that content.
As an admin, I would like to remove flagged content.
As an admin, I would like to remove content I deem inappropriate.
As an admin, I would like to ban users.
As an admin, I would like to be able to post messages that will be constantly at the top of the content feed until removed.
As an admin, I would like to undo bans if I want to.