

System and Unit Test Report

Meme Feed

Team Meme

Revision 0

Sprint 1:

- (1) As developers, we want to have a firebase storage system to store information of user accounts and memes. **(1)**
- (2) As a User, I want to be able to create and log into an account with my information **(21)**
- (3) As a developer, I want to be able to scrape the web to find memes. **(15)**
- (4) As a user, I want a General Feed page to see all of the memes in chronological order. **(8)**
- (5) As a user, I want the General Feed page to have two different views so that I can view at a different pace **(18)**

Scenario:

- (1) N/A
- (2) Start app and:
 - Click the “sign-up” link and do the following
 - Email= “youremail.gmail”
 - Name= “your name”
 - Username= “username”
 - Password= “password”
 - Password confirmation= “password”
 - Verify user is in firebase and fields are correct
 - Go to application and go to login page
 - Email= “youremail.gmail”
 - Password= “password”
 - Verify logged in
 - Repeat but with mismatching passwords and verify login and signup fail.
- (3) Verify Memes are in firebase after web scraping:

- Print the URL's, filenames, and other information of all memes pulled
 - Verify that that information is in firebase
- (4) Start app and:
- Login
 - Check that you are being navigated to general feed page
 - Verify that there is content on the page
 - Cross check with firebase to see if that content is ordered
- (5) Start app and:
- Login
 - Check that you are being navigated to general feed page
 - Verify that you can change views using a button and that view changes but meme order does not

Sprint 2:

(1)-(5) previous user stories

(6) As a user I want to be able to like and dislike memes on scale of emojis **(23)**

(7) As a User, I want my own account page where people can see the memes I like (personal user page) **(20)**

Scenario:

- (6) Start app and:
- Login
 - Email= "youreemail@gmail"
 - Password= "password"
 - View a meme on List View
 - Look to see if there is a button bar
 - Click and unclick the different reactions, verify the shading is correct
 - Refresh to see if proper shading is maintained on that meme (aka your like is stored)
 - Check that react is properly stored in firebase, (proper doc id, ranking, and name)
 - Repeat but view tile in Grid View
- (7) Start app and:
- Login
 - Email= "youreemail@gmail"
 - Password= "password"

- View a meme on List View and on Grid View
- Rank 5 memes for each possible ranking
- Visit profile tab,
- Verify the memes ranked 3,4,and 5 are present on list view
- Verify the memes ranked 3,4,and 5 are present on grid view

Sprint 3:

- (1) As a user, I want to be able to see a Friend Feed which displays memes my friends liked. **(14)**
- (2) As a User, I want to visit a user's page so I can see my only friends posts **(14)**
- (3) As a User, I want to be able to be able to follow with people so I can see the memes they post **(7)**
- (4) As a User, I want to be able search and look up someone else's page, to see only their content **(16)**
- (5) As a User, I want to comment on posts to share my opinion on them. **(16)**

Scenario:

- (1) Start app and:
 - Login
 - Check that you are being navigated to friend feed page
 - Verify that there is content on the page
 - Cross check with firebase to see if that content is ordered
- (2) Open App with navigation set to friend page:
 - Verify that it has the Users information and liked memes
 - Verified the above information is consistent with firebase
- (3) Start app and:
 - Login
 - Check that you are being navigated to friend feed page
 - Navigate to a User Page
 - Follow that User
 - Verify in firebase that both users docs have been updated
- (4) Start app and:
 - Login
 - Check that you are being navigated to friend feed page
 - Navigate to general feed
 - Using the search bar, enter another Users name

- Check that clicking a result brings you to that user
 - Verify that the users information and memes are on the page
- (5) Start app and:
- Login
 - Check that you are being navigated to friend feed page
 - Check each Tile on the page for a comment bar
 - Verify that any input into the comment page shows up in firebase and on the app

Sprint 4:

- (1)-(2) previous user stories
- (3) As a user I want to be able to see where a user found a photo they liked **(8)**
- (4) As a user I want comments to be intuitive and easy to navigate so that way the app is easy to use **(8)**
- (5) As a user I want the ability to click on a meme in grid view and be shown all the information about the meme in order to react and better interact with it **(6)**
- (6) As a user I want to have a visually pleasing user profile so that way it is easy to use **(4)**
- (7) As a user I want to be able to get to another user's profile without searching them in order to make the use of the app more intuitive **(2)**
- (8) As a user I want my profile to reflect my likes so that way I can see the memes I have already liked **(1)**
- (9) As a developer I want to have better use of modularity to reduce technical debt **(12)**
- (10) As a user I want to ensure I have a wide variety of current memes in order to have relevant funny content **(6)**

Scenario:

- (1) Start app and:
- Login
 - username="[your.email@gmail.com](#)"
 - password="password"
 - Test search functionality
 - Navigate to HomePage

- Search for user “Mia” to ensure searching works via “name” field in Firebase
- Search for “J” to ensure all users whose “name” field starts with J or “username” field starts with J show up in results
- Search for a username which doesn’t exist to ensure the user
- Search “j” and ensure results are the same as “J” (non-case sensitive)

(3) Start app

- Navigate to Home Feed
 - Ensure that a specific meme is on the Reacts of the user in question
 - Ensure that I am following that user
 - Ensure that the subreddit source is consistent with what is in Firebase
- Navigate to Profile
 - View a meme we have liked
 - Ensure all previous tests hold

(4) Start app and:

- On the Home Feed in List View, ensure the most recent comments are loaded
- When the comment button is clicked, ensure all comments are loaded in the Single view.
- From Single view:
 - When the username associated with a comment is clicked, ensure we can navigate to the Profile of that user
 - When we want to comment on the meme, ensure that
 - An empty comment can’t be posted
 - When posted, the username is associated with me
 - When posted, the comments section is updated with my comment
 - Other users can also see my comment

(5) Start app and:

- Login
- Check that you are being navigated to friend feed page
- Navigate to general feed
- Check that clicking a tile brings you to the tile page with all information about the meme

(7) Start app and:

- Login
- Check that you are being navigated to friend feed page
- Navigate to general feed
- Using the search bar, enter another Users name
- Check that clicking a result brings you to that user
- Verify that that the users information and memes are on the page

(8) Start app and:

- Login
- Check that you are being navigated to friend feed page
- Navigate to profile page
- Verify that there is content on the page
- Cross check with firebase to see if that content is ordered

(10) Uncompleted