

User Stories

Familiarization:

As a developer, I want to familiarize myself with Flutter and Firebase so I can develop this cross-platform application efficiently and effectively.

Acceptance Criteria:

1. Know the basics of both Flutter and Firebase
2. Have fundamental understanding of what is needed from each to implement the software

Environment:

As a developer, I want to download the Flutter software so that I can use this SDK to develop a cross-platform application.

Acceptance Criteria:

1. Have Flutter up and running on all programmers' machines
2. Understand how collaboration will be done

Package Selection:

As a developer, I want to search for packages on the Flutter SDK that will be beneficial for my project.

Acceptance Criteria:

1. Figure out what packages are needed from Flutter
2. Understand how to integrate packages into software

Analytics:

As a developer, I want to implement Firebase into my product so that I can manage the data uploaded to the social media page and view analytics in real-time to monitor the application's progress.

Acceptance Criteria:

1. Have firm understanding of how to use parts of Firebase needed for software
2. Integrate Firebase and have basic functionality finished without bugs

Administrator Authentication:

As a developer, I want to implement user authentication and verification so that only educators can create a page and have administrative powers over users on their page.

Acceptance Criteria:

1. Ensure user can not access account without authentication (username and password)
2. Create way for user to verify enrollment in institution (verification of college email required for signup)

Page Creation:

As an educator, I want to retain complete control over the creation of my page and adding and removing members so that only students in the class can be added.

Acceptance Criteria:

1. Educators able to create pages with different customization options
2. An educator can remove and delete students from page

Moderation:

As an educator, I want to have administrative control over what my students post, share, and comment so that I can protect my students and page from being exposed to inappropriate, obscene, and/or unrelated content.

Acceptance Criteria:

1. An educator can remove students' post from page
2. An educator can pin a post to top of page

Privacy:

As a user, I want separate pages for each class I am enrolled in so that only teachers and students in each specific class can like, comment, and share class resources so that privacy is protected.

Acceptance Criteria:

1. Students can only view and create posts on pages they were added to by an educator
2. Pages that students are enrolled in are shown on a list
3. Students have ability to leave a page

User Profile:

As a user, I want to customize my profile photo and add a bio so that I can express myself. I also want my profile to show links to all the pages I have joined so that I can easily navigate between classes.

Acceptance Criteria:

1. Profile page for all users created
2. User able to upload and edit profile pictures (cropping, enlarging)
3. User able to create bio
4. User (and only user) can see links to pages they are enrolled in

Commenting:

As a student user, I want to be able to ask questions and make comments on posted resources in order to ensure I get a full understanding of the content.

Acceptance Criteria:

1. User has ability to comment on posts
2. User also have ability to like questions, (to easily see replies to frequently asked questions)

Liking:

As a student user, I want to be able to like posted resources in order to indicate to my peers that it was a helpful resource.

Acceptance Criteria:

1. User has ability to "like" posts
2. Posts with more likes have higher priority on page

Sharing:

As a student user, I want to be able to share resources that both myself and other users have posted so that my peers are able to benefit from it as well.

Acceptance Criteria:

1. Users can create a link to share specific posts with other users
2. Users with a link must be enrolled on the page the link originated from to access it.

Posting:

As a student user, I want to be able to upload notes and resources and share these with my peers in order to help all of us to best learn the material in my classes.

Acceptance Criteria:

1. Users can upload notes and other resources onto a page they are enrolled in
2. User can add description and titles to posts
3. Draft system implemented so that users can work on a post before uploading it to a page

Deleting:

As a student user, I want to be able to delete a resource I posted if I realize it is either inaccurate or unhelpful in order to not confuse or mislead my peers.

Acceptance Criteria:

1. User can delete posts created by them on pages they are enrolled in
2. User can edit posts to fix any errors after already uploading to a page

Filtering:

As a student user, I want to be able to filter resources by class so that I can easily access resources for the specific class I'm struggling in.

Acceptance Criteria:

1. On main page with posts from all classes, users can filter by class and/or search for specific topics

Scheduling:

As a student user, I want to be able to suggest a meeting time in a shared calendar with my class and have other users RSVP so that students can collaborate and learn together outside of class.

Acceptance Criteria:

1. Calendar page implemented
2. User has ability to add meeting times to calendars
3. Users can see available meeting times and slots for RSVP

Story Map

Theme:	Development	Distributing Content	Educator Interactions	Student Interactions	Organization
User Story (highest priority)	Environment	Posting	Page Creation	User Profile	Filtering
User Story	Familiarization	Deleting	Moderation	Privacy	Scheduling
User Story	Package Selection			Sharing	
User Story	Analytics			Commenting	
User Story	Administrator Authentication			Liking	