

Team: M17B BOOST

Elicitation

Questions	Response 1	Response 2
	Name: Hamza Email: hamzaxali04@gmail.com	Name: William Email: william.djong@yahoo.com
What is the biggest problem you face with UNSW Memes?	I can't upload photos which can help with communicating clearer.	There isn't a calendar that can help with future planning.
What functions available on UNSW Memes do you think are better made elsewhere such as MS Teams and why.	The notifications on teams will come out automatically.	The login page is hard to use. It requires us to press the pen button first which is not required elsewhere. Can be a bit frustrating.
Would you recommend UNSW Memes to a friend? Why / why not?	No, it does not allow me to share photos which are what memes usually are.	No, there are so many services out there such as MS teams and discord which do everything else better and have a dark mode.
What kinds of changes would you like to see in the future?	I would like to upload photos.	Uploading photos and getting a dark mode.

The main issues with UNSW memes that are worth considering fixing in the future are:

- Being able to upload photos as part of messages. This could also include other files such as PDFs.
- Creating notification displays on the front end.
- Implementing a calendar.
- Implementing dark mode similar to what is available on almost every other communication service.

Analysis:

Uploading photos and other files to messages

Being able to upload photos and PDFs will change the way dm messages and channel messages work. As of iteration 3, they are only strings which will not be able to handle other types of data or include data files. Implementing this may require another package to assist in uploading files.

Notification display

Another front-end issue however the notifications have been already been implemented. A way to display it one by one is needed.

Calendar

Like uploading photos, we do not want to create a calendar. If possible, finding a way to connect with an existing calendar service such as Google Calendar could help with linking UNSW memes with other more widely used services.

Implementing Dark Mode

Dark mode would be a front-end problem however a boolean variable would be needed for each user so their preference can be saved.

User Stories

User Story 1	As a UNSW student, I want to share memes and files in UNSW memes because I want collaborate with other students while having fun online.
User Story 2	As a UNSW lecturer, I want to add to a shared calender so other students can track their work.
User Story 3	As a student, I want to have a dark mode, so I can continue to use this service at night.

Acceptance Criteria

User 1

Scenario: Share pictures

Given: User is logged in and has created a channel.

When: Whenever the user wants to share a picture or a file.

User 2

Scenario: Add to a calendar.

Given: The user has registered and logged in.

When: The user selects a calendar.

Then: The system provides access to a calendar which might be sourced from another service.

And: the user can add to the calendar as they would with the same service elsewhere.

User 3

Scenario: User wants dark mode.

Given: User is registered and logged in.

When: The user goes to their own settings and selects a dark mode option.

One use case that attempts to describe the solution is the case where a user wants to use a calendar. The best method would be to use an API, such as Google's APIs which can help with implementing and giving access to Google Calendar through UNSW memes. The exact process is a not part of this course but function why, it could be something like this:

1. A part of each channel called Calendar.
2. It links to something similar to google calendar and allows the user to interact with a calendar.
3. This calendar should be accessible by everyone within a channel.
4. Like messages, only people with global owner or staff permissions can remove entries made by other people.

Validation

Hamza: Having a calendar but no way to send pictures kind of defeats the purpose of a service called 'UNSW Memes'. It is more of a simple chatting service like sms. I think there are way better options out there.

William: The calendar within channels sounds pretty good. With the ability to plan, it could be a good alternative to MS teams but without the ability to send pictures, it is at best, only a chatting and planning service.

