

H17B EGGS

Interview Questions

1. Have you experienced any difficulties using our software?

- "Lack of help for user understanding of website"
- "I am visually impaired, there is nothing to help me use your application"
- "Bright mode is too bright for my eyes"

2. Are there any problems with the channels?

- "I can't post channel messages with emojis and send emojis to my friends"
- "I can't customise the aesthetics and appearance of the channel"

3. Do you have any concerns about your privacy?

- "Who has access to my data?"
- "Is my sensitive information encrypted?"

4. Are there any ways you believe we can improve the security of our system

- "There's no 2FA"
- "You know, I was harrassed the other day, I wish I could have blocked the person"
- "My wife stole my password book and fed it to the neighbours dog, before cheating on me with the local sheriff, I don't know how to reset my password."

User Stories and More

1. Are there any ways you believe we can improve the security of our system

User Story:

- "As an important person who does important things, I require 2FA to keep my important data secure".

Acceptance Criteria:

- When a user creates an account, they will be required to enter a phone number which will be used for 2FA
- When a user logs in with a valid username and password, they will be prompted to enter a 6 digit code which will be sent via text message to the number of the associated

account.

Use Case:

- The user registers and entered phone number
- The user logs out
- The user logs back in with appropriate details
- The user is prompted to enter 6 digit code
- The user will receive a text message with a 6 digit code

Function interface:

Name and Description	HTTP Method	Data Types	Exceptions
/auth/login/2FASend/v1	POST	Body Parameters { token } Return type if no errors: { }	400 Error: if token invalid

Name and Description	HTTP Method	Data Types	Exceptions
/auth/login/2FAValidate/v1	POST	Body Parameters { code } Return type if no errors: { isValid }	None

- As a vulnerable human being, I was harrassed the other day, I wish I could have blocked the person”
- As a humble baker, my wife stole my password book and fed it to the neighbours dog, before cheating on me with the local sheriff, I don’t know how to reset my password.”

2. Are there any problems with the channels?

- Response: “I can’t post channel messages with emojis and send emojis to my friends”
 - User Story: As a high schooler, I want to be able to send emojis so I can properly express my emotions and how I’m feeling to my friends.
 - Acceptance Criteria:
 - The user must open the channel that they want to send the emoji in
 - The user can then click on an icon that opens the emoji select screen
 - The user selects the emoji they want to add to the message
 - Use Case:
 - The user opens the channel
 - They click on the emoji icon
 - They find the emoji they want to send

- They click on the emoji to add it to the message
- They send the emoji
- Function:

Name and Description	HTTP Method	Data Types	Exceptions
message/sendemoji/v1	POST	Body Parameters { channelId, message } Return type if no errors { messageId }	400 Error when any of: -ChannelId does not refer to a valid channel -Length of message is less than 1 or over 1000 characters 403 Error when any of: -ChannelId is valid and the authorised user is not a member of the channel

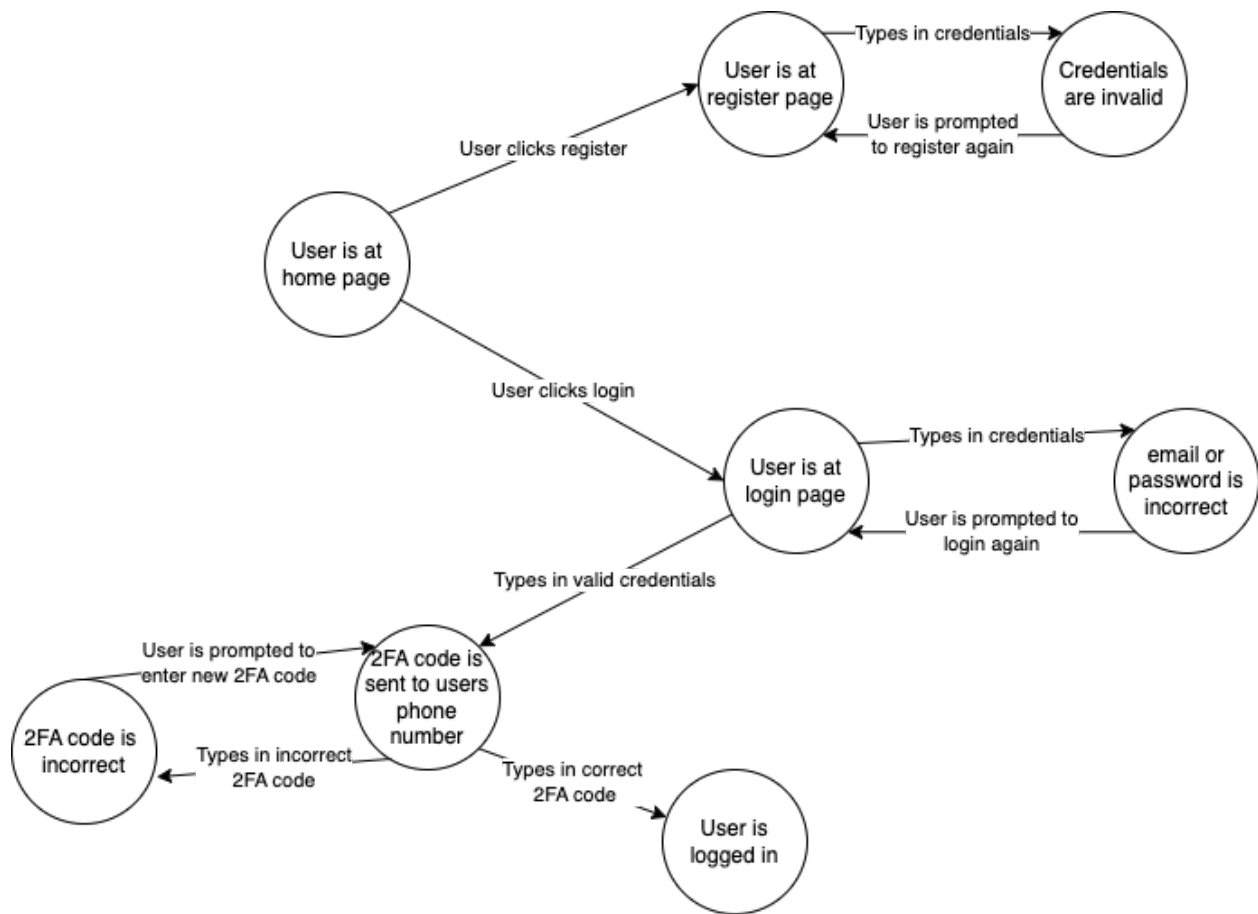
- Response: "I can't customise the aesthetics and appearance of the channel"
 - User Story: As a primary school teacher, I want to be able to change the aesthetic and theme of each channel so I can differentiate them based on the subject they are used for.
 - Acceptance Criteria:
 - The user can open the channel they want to change the theme of
 - The user can click on the icon that opens the menu to change channel theme
 - The user can select the theme they want out of the available themes that have been created
 - The users channel appearance is changed to this theme
 - Use Case:
 - The user opens the channel
 - The user clicks on the channel theme icon
 - The user selects the theme they want
 - The users channel changes to the selected theme

3. Do you have any concerns about your privacy?

- "Can I change my name?"

- User Story - As a frequent user of the internet, my neighbour has been stalking me online ever since I fed his dog a password book. Am I able to change my online name to conceal my online activity so he doesn't know who I am?
- Acceptance Criteria:
 - There is a button in the top right corner for the user to move into their profile
 - There is then an option to change user name
 - The screen then prompts for the users password to ensure it is them
 - The user then inputs their new user name which is then stored and replaces their old name in all channels
- Use case:
 - User opens profile
 - User clicks change user name
 - Prompt for password
 - User inputs password
 - Prompt for new user name
 - User inputs new user name

Name and Description	HTTP Method	Data Types	Exceptions
/auth/changeName/v1	POST	Body Parameters { token, newName, password, authUserId }	400 Error when any of: <ul style="list-style-type: none"> - newName is the same as their old name - authUserId is invalid - Token is invalid - Password input does not match their existing password - newName is invalid



4. Have you experienced any difficulties using our software?

- User Story:
 - As a student that hasn't used an application like this before, I would like the ability to access an application tutorial at any time so that I can become familiar with the application.
- Acceptance Criteria:
 - When the user first registers and logs in, they are given the option to follow a tutorial.
 - If the user is unable to follow the tutorial the first time upon registration, there will be a interactive help logo at a corner of the screen to launch the tutorial again
 - When hovering over an interactive button on the application (e.g. Channel Create), there is a speech bubble that displays a short description of the button's function
- Use Case:
 - User registers and logs into their account
 - User is given the option to follow the tutorial
 - User clicks through each "slide" of the tutorial and completes it
 - User wants to access it again

- User clicks on help button to go through the tutorial again
 - User clicks through each “slide” of the tutorial and completes it
 - User wants to find out the function of a button without going through the tutorial
 - User hovers over the button and has a short description
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- User Story:
 - As a busy Software Engineer that codes in my bed at midnight, I would like to be able to change the display of the application to dark mode so that I don't cause irreparable harm to my eyes.
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- Acceptance Criteria:
 - There is a button in the top right corner when looking at their profile
 - This button looks like a switch with one side being dark mode and the other side being light mode
 - Each side corresponds to their respective modes
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- Use Case:
 - User opens profile
 - User navigates to the top right corner of their profile
 - User sees that they are on the default light mode
 - User flicks the switch and changes the whole page to dark mode