

Data Plan

Group Name/Number:

Feature/Interaction	Purpose/Description	Request Data Source	Request sent to server	Processing Needed/Response Data Source	Response sent to client	Request Type & Path	Other Notes
Top Menu	The Top menu contains links to other main pages of the website, each button will take you to the page it is named after.	Undecided as to whether the buttons will be links to new pages, or whether they will deliver html through node.js to populate a content div, or show/hide content of a single page.	node.js Get request for html of specifed webpage	some minor processing regarding the users 'logged in' status.	likely either a link to new webpage, or node.js send('some html') as a reponse to the navigation menu interaction.	GET request, or href to webpage.	Simple menu, not too complicated, just for basic navigation of the webapp
Dynamic Side bar/show hide	Secondary Navigation of the webpage to access some seconday app features	no data source	none	some minor processing regarding the users 'logged in' status, and what webpage is being shown	just some tokens to define what webpage is active to define what links might be available to the user at the time	GET	
Login	A button (and maybe some form submission) to collect user login details, and or allows users to sign up	access user database, and js to determine current user login status and whether login details are valid	sql query to ping database to compare login details. Vue and js functions also to handle the user input and outcome to the login details comparison	some decryption of user details perhaps when talking to the database	a yes or no response regarding the success of the login attemp	GET	unsure how login is handled right now and the interaction between sql queries and the webapp
New Post Box	A form for users to create new posts including, title, message body, and whether it is a private or public post	Have to use vue to handle live user input, and also to handle the object containing past posts	the object containing posts will be stored on the server so that persistence can be implemented into the webapp. Object that handles posts will be accessed and new posts will be allocated to it	Some processing required to handle users logged in status, private vs public posts, and what the user should be seeing in response	The confirmation that a post has been made	POST	
Content (post area)	This div will be populated with the posts (public and private) that the user is eligible to see	Request the current list of posts	object that contains the posts belonging to the users branch and any public posts the user should be able to see	Some processing required to handle users logged in status, private vs public posts, and what the user should be seeing in response	the object(s) containing the lists of posts the user will see populating the div	AJAX/POST	