Issue #	Assignee	Priority	User Story Title/Task Title	Description/Associated Tasks	Difficulty Level (0,1,2,3,5,8)	Risk	Sprint	Completion date
#23	N/A	MED	US.1 Admin Team Creation and User Assignment	#20: Add global admin status #18: Create page for creating chats #29: Create an 'add user' button on each channel for admins	7		1	
#24	N/A	HIGH	US.2 Implement User Login	#17: Login and register switch links #8: Write tests for login functionality #7: Implement session management #6: Handle incorrect login attempts #4: Implement password hashing for security #3: Set up user database #2: Create API to handle login requests #1: Design login page	19	HIGH - the whole website is relying on this to let users enter it	1	
#25	N/A	MED	US.3 Channel Visibility	#16: Create home page #9: Set up the react environment with Next.js #30: Limit channel access to be user and role specific	6		1	
#1	Lucas	HIGH - having the login page available to test other functionalities is essential	Task.1 Design login page	Using typescript and react create a login page for our app.	2	HIGH - main funciton of the webpage, needs to be created to test all login features	1	02/02
#2	Marwa	HIGH - having the login API available to test other functionalities is ALSO essential	Task.2 Create API to handle login requests	To handle users trying to login, seeing if it can match an input to an already existing user or bar someone with inccorect credentials from entering.	3	HIGH - goes in tangent with task #1, these need to be able to work together since nothing on the homepage will show up if this still needs to be implemented	1	01/31
#3	Justyne	HIGH - The user database is needed for testing login from different users making sure that someone who is already registered can access the website	Task.3 Set up user database	Database used to keep track of users and their information like passwords (and future chats) associated with their account.	3	MED - a hardcode can be temporarily implemented if this function doesn't work immediately to get access to test other features	1	01/31
#4	Mohamed	MED - Nothing is relying on the hashing of users password at the moment since the product is still not luanched so can be implemented after more important tasks	Task.4 Implement password hashing for security	Setting up single hashing for the password so that it is encripted and not accessible to attackers.	3	LOW - there is no risk to security at the moment so it is more of a feature with no use at the moment	1	01/31
#5	Darcy	LOW - for documentation purposes, can do anytime, not project dependent	Task.5 Update README description and members	Fleshing out the README section of the project as to meet criteria and basic understanding of the idea around the project and its members.	1	LOW - just for documentation purposes	1	01/31
#6	Marwa	MED - no other task is relying on this but it is still important for a core functionality	Task.6 Handle incorrect login attempts	Users login to their accounts using an email as the username and any password as to access the website to chat. This is for the case where they enter a username or an associated password that does not match any in the database. This will then prompt to the user that they entered something incorrectly, meaning they have to try again with another password or email.	1	LOW - no attempt keeping feature is present, so it is just a simple 'try again' code	1	01/31
#7	Darcy	MED	Task.7 Implement session management	To allow users to stay logged in, even when they close and reopen the website, session management will be implemented. This will also protect all of the web links. Requirements of completion: - Users who are not logged in to our website get redirected to the login page - Users stay logged for a certain amount of time (for now the default is 1 week) - Login functionality is facilitated by cookies (which allow all pages besides the login and registration to be protected)	3	LOW - this is just for time saving and not blocking anything	1	02/05
#8	Hugo	LOW	Task.8 Write tests for login functionality	Simple example cases to test login functionality. Requirements: - boundary testing all posible inputs for valid or invalid emails	1	LOW - just to test if the login function works with consisten edge testing cases	1	01/31
#9	Justyne	HIGH - the implementation of the website is relying on this for everything else to work	Task.9 Set up the react environment with Next.js	React is a structure that gives programmers a component based architecture while Next.js helps with seamlessness. Both of these combined then help with routing, data fetching and catching react apps with server side rendering. Overall, this will make the project easier to manage in the long run. Requirements: - properly implementing it so that it functions with the website	2	HIGH - the website and all its features depend on if this works properly	1	01/31
#16	Lucas	MED - some features rely on this to be done, but it is not required at the start	Task.16 Create home page	Create the home page of our app. Requirements: It will be found at the base of our domain name It does NOT need to include the login or register links because the middleware redirects users who aren't logged in It should include the logout button/link, (the logout button + implementation already exist, see components/LogoutButton) It should include a button to create chats (link: chats/create)	2	HIGH - some core features like channel creating and adding users to channels are relying on this to be implemented	1-2	02/07
#17	Darcy	LOW	Task.17 Login and register switch links	Due to the middleware implementation, all users will be redirected to the login page if they aren't logged in. So if users are new to the website they need a link to the register page to register: Requirements of completion: On the /login page, there should be a link to the register page with text saying something like: Haven't made an account? Register an account here On the /register page, there should be a link to the login page with text saying something like: Already have an account? Login here	2	MED - is what gives a user access to register for the website, since it is not launched the developers know how to access this page at the moment and is not in a rush to get it implemented	1	02/06

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#18	Mohamed	MED	Task.18 Create page for creating chats	Completion requirements: It be will hosted at chats/create This page will be accessible from the home page It should allow users to create their own chats Users will tentatively become admins by default when they create a chat	3	MED - since there are no admins at the moment, it doesn't need to be working and nothing is relying on it	1-2	02/07
#20	Darcy	MED	Task.20 Add global admin status	To track whether users are a global admin, a boolean will be part of the user Mongo schema. Being a global admin will allow users to access all channels. Requirements of completion: For each user, a boolean (name = isGlobalUser) will be stored in the Mongo database This status will allow for full privilege throughout the website	2	MED - no admins users have been created and is a feature more used at launch	1	02/07
#28	Hugo		Task.28 Organizing/creating missing tasks and other	Organizing documentation so that everyone is credited for the work they did and the sprint is ready for submmission 1	2	LOW - no impact to the project itself	1	02/07
#29	Hugo/Mohamed	MED	Task 29 Create an 'add user' button on each channel for admins	This button will be for admins to add users to a channel they don't have access to yet. To do this, they will get a users's username (or ID) and will 'whitelist' the user for that channel	2	MED - nothing in sprint 1 requires this to be done immediately and can be tested later on in the sprint	1	02/07
#30	N/A	LOW- since channels are not implemented yet, there is no need to make this function work properly at the moment	Task.30 Limit channel access to be user and role specific	When users are on the main page, they should be able to see all channels, but they shouldn't have access to all of them. For channels they do have access to, the channel will be normal and users can click on them. For channels they don't have access to, the channel will be grayed out and users won't be able to click on them.	2	LOW - Channels don't hold any content yet so having access and limiting access is not detrimental if not implemented immediately	1-2	
#33	Marwa	LOW	Enhance README file for a clear and concise file	Customize the README file to present correctly our project.	1	LOW - This task has no impact on the system's behaviour.		02/07