

### User Stories:

User Story number	I want to <goal>	to accomplish <result>
1	<i>As a manager I want to be able to track leave for staff members</i>	<i>To be able to manage time and rotate staff</i>
2	<i>I want to be able to apply for leave with ease</i>	<i>To not have to deal with papers and signatures to get approval</i>
3	<i>Having a quick way to manage staff leave and approve leave easily</i>	<i>To make these tasks less time consuming</i>

System architecture	<p>MERN stack will be used to develop this application. This app will be deployed to Heroku based on the stability offered by Heroku as this platform is running and available at all times and offers competitive hosting packages. Heroku add-on components provide easy support for applications.</p> <p>CRA will be used to style this app as the libraries provided support the structure of this application.</p> <p>CSS is used to style this app for faster page loading, as well as this app has a very basic layout and design and does not require too much styling.</p>
System requirement specifications	<p>This application is a leave tracker where one is able to input leave and gain approval. This is useful for organisations like a School for example, where the head of School is not able to oversee the staff needing leave in a streamlined way.</p> <p>This will replace the need for excel sheets, other apps and notes to track and manage this.</p> <p>USER STORIES INSERTED</p> <p>Other apps that are similar include leaveboard.com which helps HR departments track and manage leave. It is a costly software that may not be able to plug into the simplicity of how leave is currently managed. The software option I have created is far more basic and simple, only providing a way to track leave internally and for a quick update on leave movement, it is also created to be very easy and simple to use, as each user login only allows one access to their profile and information, nothing more complicated than this. It will also be more cost effective based on the simplicity of this application.</p>

	<p><b>Non-functional Requirements:</b></p> <p><b>Usability-</b> Easy to use with a simple layout and basic features displayed, this app is extremely simple and basic for one to learn to use and manage.</p> <p><b>Reliability-</b> If User struggles with account access such as password reset or any technical issues, a quick turn around with resolving this with a password reset. The site is deployed via Heroku to ensure that it is consistently available.</p> <p><b>Performance-</b> System needs to be able to support enough staff members working on this platform at the same time and be able to grow as a database of employees grows within the organisation. This system would also be able to grow, evolve and change as user requirements increase, adding additional components and features need to be accounted for, the simplicity of this app will allow for that growth while not overwhelming users.</p> <p><b>Security-</b> Secure logins provided, along with a password reset option as well as user authentication is required.</p> <p><b>Function Requirements:</b>  User Accounts that require a sign in and secure password  Users need to add in incomes, more than one.  Users need to add multiple expenses.  Filters for users to be able to sort through information as needed for frequency and type  As well as a custom filter option.  Quick “new leave request” option along with leave options and all details required for leave.</p>
--	--

User Interface:

Login

Info

Leave Button

Log In:

Login

Details			Details			Buttons