

2.4 Requirements

This section outlines the necessary features and characteristics that the proposed application should include. These requirements were determined using the results gathered from the user survey, ensuring that the application is designed to meet the specific needs and preferences of its intended users. The user survey provided valuable feedback for the features and design choices of the application, as well as their experiences with existing solutions. This feedback was instrumental in defining both the Functional and Non-functional requirements, defining the direction of the application's design and development.

2.4.1 Functional Requirements (FRs)

No.	Requirement	Priority (H, M, L)
FR01	Users should be able to create an account.	H
FR02	Users should be able to login to an account.	H
FR03	The application should support creating tasks, as well as setting priorities.	H
FR04	The application should support deleting tasks.	H
FR05	The application should support setting a task as completed.	H
FR06	Users should be able to set reminders for upcoming tasks.	M
FR07	The application should provide configurable timers that allow users to focus for a period of time with visual and/or auditory cues used as an alarm and also the option to pause or reset the timer if needed.	H
FR08	The app should provide an interface to create, edit, and view their schedule.	H
FR09	The application should track users' progress on tasks and display visual representations of their productivity over time. Users should be able to view this progress in the form of charts.	H
FR10	Users should be able to customise the appearance, and settings to ensure a personalised experience.	M
FR11	Users should earn awards for completing tasks or multiple tasks to encourage increased engagement with the application.	L
FR12	Include educational resources and practical tips on time management and organisation strategies for students with ADHD.	L

Figure 1: Functional Requirements Table

2.4.2 Non-functional Requirements (NFRs)

No.	Description	Priority (H, M, L)
NFR01	The application should consider and implement Jakob Nielsen's Usability Heuristics where suitable to improve the usability experience [8].	H
NFR02	The application should adhere to industry-standard security practices to protect user data and maintain privacy. This includes encryption of data in transit and at rest and secure authentication mechanisms.	H
NFR03	The application should be supported by at least two mobile platforms in order to allow the application to be accessed by a wide range of users.	M
NFR04	The application should be designed to work well on different screen sizes and resolutions, providing a consistent and enjoyable user experience across various devices.	M

Figure 2: Non-functional Requirements Table