

### Five Functional Requirements

- **Timeboxing:** Allow the user to open the calendar and enter a block time that you spend on a certain task in the future.
- **Receive notifications:** The app will send out the notification so the user sees their task before the event.
- **User Authentication:** Provide functionality for the users to create an account and log in so that they can access their tasks after opening the app.
- **Create tasks:** Provide functionality to create/set a new task and set a due date.
- **View Tasks:** The user needs to be able to view their tasks after opening the app and the information that's displayed should be accurate and for that particular user. A user should not be getting other user's tasks for example

### Five Non-Functional Requirements

- **User Feedback Feature :**The application shall allow the user to submit feedback/rating system (5 stars) through a prompted form in the app.
- **Usability:** Intuitive design, colorblind friendly, accessibility features
- **Security :**Stop bad actors from reading/writing data that does not belong to them and disrupting services.
- **Reliability:** System stays up through a DDoS attack that forces an application service to become offline.
- **Scalability:** The application can handle a very large user base without hitting bottlenecks with the system resources. Making sure we it preserves storage space ,processing power and network bandwidth.