

1. Planning of your sprint.

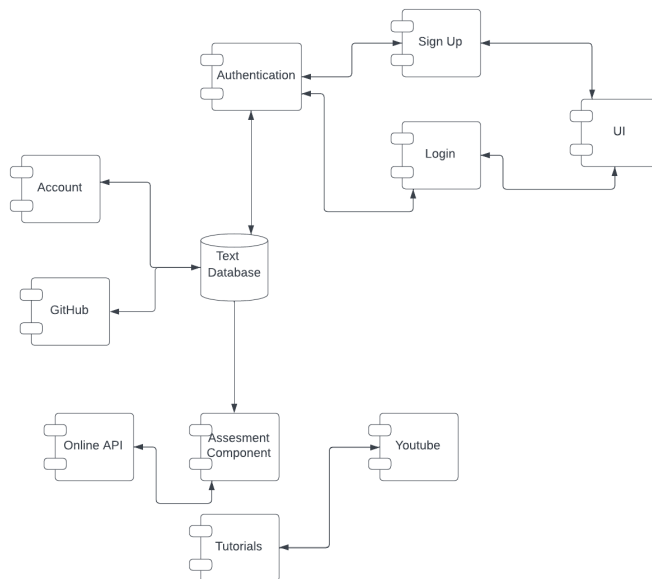
- The duration of the sprint: 1 week.
- Prerequisites:
 - Learn TypeScript
 - Learn React
 - Learn CSS
 - Learn HTML
 - Research React frameworks
- Goals:
 - Implementation of Sign-in and Sign-up components
 - Implementation of Homepage
 - Implementation of authentication components
 - Connecting to Firebase
 - Connecting to the UI

2. The sprint backlog: Identification of a set of features from the product backlog that you will be implementing during this sprint.

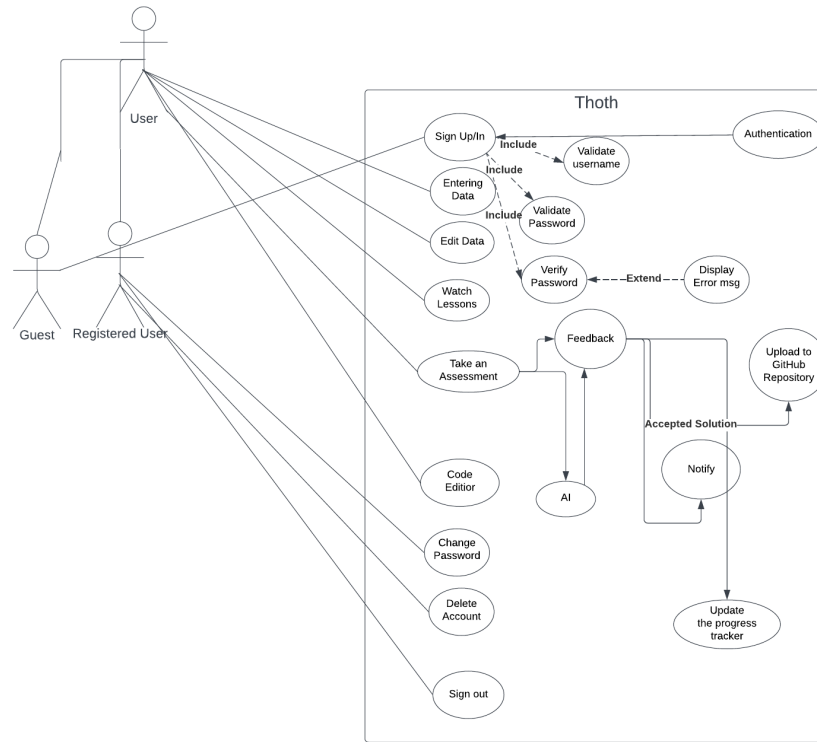
- Account Creation
- User Login
- Sign up/in UI

3. The development of this sprint which includes any modification of architecture, lower-level design, and implementation (coding). Every sprint must have some implementation associated with it. It does not have to be an implementation of all the features in the sprint backlog.

- **Modified architecture**



- Modified Use Case



4. Testing of the sprint: You need to use some formal testing methodology.

- Why did we choose React Testing Library:

- Makes refactoring easy
- Helps in following best practices for accessibility
- It uses behavioral testing, which is the interaction between the user and the system