**COMPLEXITY ASSESSMENT**

**Requirements:**

Users can enter a password if they want to unlock and calculate a discount.

After entering the password, if the password is correct, it can automatically calculate the discount.

**Technologies used:**

MERN: -

1. MongoDB - a document-oriented database that is used to create scalable and highly accessible web applications. It's well-liked by agile development teams due to its flexible schema approach.

2. Express - a flexible web application framework for Node.js that is simple to use and offers a wide range of functionality for both online and mobile applications.

3. ReactJs - an open-source JavaScript framework and library that is used for building interactive user interfaces and web applications quickly and efficiently with significantly less code than you would with vanilla JavaScript.

4. NodeJs - a JavaScript runtime environment and library that is open-source, cross-platform, and used to run web applications outside of the client's browser

Tailwind CSS,Antd for front end,axios,react dom

**Testing:**

Check whether the password is correct or not and after entering the correct password, calculate the discount automatically.