

# Book Sharing Platform Project Details

## What will be in the project?

Ans=>

1. There will be a signup form for the users to sign up.
2. Then they have to log in to the website to use the website
3. They will be navigated to the home page after successfully logging in.
4. Here they will be able to see the displayed book for borrowing.
5. They can also list their book if they want to let others borrow it.
6. There will be a comment section for the users to let the admin know if they face any problems using the website.
7. There will be an admin panel to control the website.
8. After their work, the users can sign out from the website.

## UI Design:

1. There will be a signup form when the user enters the website.
2. After that, there will be a sign-in form.
3. Then the main menu will show the book list in a grid form. The users will be able to search the books according to name.
4. If the book is available the users can send a request to borrow the book.
5. The request will go to the admin, who will approve the borrowing.
6. Then the user can borrow the book.
7. When the user clicks on a book listed on the main menu they will navigate to another window where they will see the book's details.
8. Users can also see the books they borrowed on their profile.
9. There will be a time limit for the users, after that time they have to return the borrowed book.

## Database Design:

1. There will be several tables on the database.
2. Sign-up table, Sign-in table, user info table, and Listed book table.
3. **Sign-up Table:** This table will have 3 fields: email, username and password.
4. **Sign-in Table:**
5. **User info Table:** This table will contain the user name, address, borrowed book, etc.
6. **Listed Book Table:** This table will have the Book name, Genre, and Short description.

## Tools to develop:

1. **Front-end:** I will use html and tailwind css for front-end design.
2. **Back-end & Server:** For the backend, I will use PHP and the database will be My SQL.