Application Flow

Login Screen

It is also Application Landing page

On Click Login

User Home Page

Check in Database

Enter User Details

If No matching User Details

Found User Details

Sign Up

Landing \_ Page

No

On Db failure

Yes

On Sucessfull

User Home Landing

Update Database

Check Email for uml@edu domain

Enter Email and Password Details

On Click Signup

Sign Up Page

Sell Book

User Home Landing

My Selling Screen

Post a Price Using Suggestions given below

Check for ISBN entered in API

Enter Title, Author, Edition or ISBN or Use Camera to Scan ISBN Details of Book

Sell Book Screen

On Click Sell a Book

If Invalid ISBN or Title entered

On Submit

On Valid

Update Selling\_Ad table in database

Buy a Book

If No Ad

On Skip Book

Land on Buying Status Screen

Post an alert to user

Price and Seller Details

Available

On Select

Notify Seller

No Response

On Click Buy

On AD Found

Show list of Books

Check for Selling Ads for in DB

If valid

On invalid ISBN

Check for Valid ISBN in API

On Submit

Enter Title, Edition, Authors and ISBN details of book

Buy Book Screen

On Click Buy

User Home Landing

Data Attributes

|  |  |  |
| --- | --- | --- |
| Name of Variable | JAVA data type | Database data type |
| Email\_ID | String | Email |
| Password | String | Varchar2 |
| Sell\_Book\_Title | String | Varchar2 |
| Sell\_Book\_ISBN | String | Varchar2 |
| Sell\_Book\_Edition | Integer | Varchar2 |
| Sell\_Book\_Price | Double | Number |
| Buy\_Book\_Title | String | Varchar2 |
| Buy\_Book\_ISBN | String | Varchar2 |
| First\_Name | String | Varchar2 |
| Last\_Name | String | Varchar2 |
| Buy\_Book\_Author1 | String | Varchar2 |
| Buy\_Book\_Author2 | String | Varchar2 |
| Buy\_Book\_Edition | Integer | Number |
| Buy\_Alter\_Edition | Boolean | Number(1) |