

## Problem Statement

Create small webapp which consists of the functionality below

### “Login Page

- Create “Home” Webpage which has the following options
- Email Id Input Field
- Password Input Field
- Login Button
- Create User clickable Text which will redirect to “Create User” Page

### “Create User” Page

- Create a User using "Name", "Email id", "Password" and "User Role" (Admin and Guest)
- Input field for Name, Email id and Password, Radio button for User Role.
- Put Basic Validation of each field.
- Minimum password length should be at least 8 characters should contain upperCase , LowerCase , special Character and number.
- Provide User friendly “Error Message”

### “Landing” Page

Show Button like “Add Book”and “Get Book List” , if you are logged in as Admin User .

Show only “Get Book List” if you are logged in as Guest User.

Both user and admin will have 'Search books' field

- Display User Name and role somewhere on the page.
- Show List of books in List format where each book will be represented by single card
- Only 5 books are allowed to show on a single page, Use backend pagination for more results.
- Represent each book in card format which will have details like “Name”, “Author Name”, “Date of Launch”, “Price” (and edit book(modal) and delete book for Admin USER)

- The same 4 details will be used to “Add new book”. Use Modal to Add Book details (add basic validation to each field)
- Deleted Book from list will not be visible to Guest but will be visible to Admin (some indicator to show deleted books).
- Provide “Switch to Guest User” button if User is logged in as Admin. On Click User access should switch to guest without logout.

#### Backend APi

- Get API to fetch books , also implement search functionality with same api.
- Delete Api to delete books.
- Login Api
- Register User API
- Add Book API
- Edit Book API

#### Backend Validations

- If a User is registered as Guest cannot call APIs which only Admin have access to.
- All types of users should have only 2 mins session validity. Any API call after 120 seconds will result in Access being denied. ( **can remove**)
- Duplicate User (same email id) is not allowed.