**Bookish v2**

**Functional Requirements:**

1. **Authentication**
   1. **Buyer**
      1. Buyers can log in and log out securely.
      2. Buyers can update their password.
      3. Buyers can sign up.
   2. **Seller**
      1. Sellers can log in and log out securely.
      2. Sellers can update their password.
      3. Sellers can sign up.
   3. **Admin**:
      1. Admin can log in and log out securely.
      2. Admin can update their password.
2. **Profile Management:** 
   1. **Buyer**
      1. Buyers can manage and update their profile.
      2. Buyers can update certain fields.
   2. **Sellers**:
      1. Sellers can manage and update their profile.
      2. Sellers can update certain fields.
   3. **Admin**:
      1. Admin can manage and update their profile.
      2. Admin can update certain fields.
3. **Buy and sell Process**:
   1. Buyer:
      1. Buyers can see the categories and can look books of different categories.
      2. Buyers can view details of books.
      3. Buyers can book a book.
      4. Buyers can buy a book.
      5. Buyers can add a book to his wishlist.
      6. Buyers can report a book.
      7. Buyers can report a seller of a book.
      8. Buyers can give review and rating of a book.
      9. Buyers can give review and rating of a seller.
   2. Seller:
      1. Sellers can add and manage books.
      2. Sellers can see their reported books.
      3. Sellers can view their sold/booked books.
      4. Sellers can view their buyer’s information.
   3. Admin:
      1. Admin can manage multiple processes:
         1. Reported books.
         2. Reported Seller.
         3. Block seller.
4. **User Management:**
   1. Admin:
      1. Admins can manage multiple accounts.
      2. Admin can block/unblock sellers.
      3. Admin can verify sellers
      4. Admins can See reported items and delete them from the database notifying the seller.

**Data Model**

**User:**

* \_id
* id (generated)
* email
* password
* role
* status?
* isDeleted
* createdAt
* updatedAt

**Buyer:**

* \_id
* id (generated)
* name
* gender
* dateOfBirth?
* email
* contactNo
* address
* profileImage
* isDeleted
* createdAt
* updatedAt

**Seller:**

* \_id
* id (generated)
* name
* gender
* dateOfBirth?
* email
* contactNo
* address
* profileImage
* isDeleted
* createdAt
* updatedAt

**Admin:**

* \_id
* id (generated)
* designation
* name
* gender
* dateOfBirth?
* email
* contactNo
* address
* profileImage
* isDeleted
* createdAt
* updatedAt

**Academic Semester:**

* \_id
* name
* year
* code
* startMonth
* endMonth
* createdAt
* updatedAt

**Academic Faculty**:

* \_id
* name
* createdAt
* updatedAt

**Academic Department**:

* \_id
* name
* academicFaculty
* createdAt
* updatedAt

**API Endpoints**

**User:**

* users/ (GET)
* users/:id (GET)
* users/create-admin (POST)

**Buyer:**

* buyers (GET)
* buyers/:id (GET)
* buyers/:id (PATCH)
* buyers/:id (DELETE)
* buyers/my-profile

**Seller:**

* sellers(GET)
* sellers/:id (GET)
* sellers/:id (PATCH)
* sellers/:id (DELETE)
* sellers/my-profile

**Admin:**

* admins (GET)
* admins /:id (GET)
* admins /:id (PATCH)
* admins /:id (DELETE)
* admins /my-profile

**Auth:**

* auth/login
* auth/signup
* auth/refresh-token
* auth/change-password
* auth/forgot-password
* auth/reset-password