**HIGH LEVEL TECHNICAL REQUIREMENT DOCUMENT**

**BOOKS MANAGEMENT SYSTEM – REGISTER PAGE**

1. **Overview:** This document aims to outline the requirements for creating a user-friendly and easily accessible registration page for the Books Management System. The page will allow new users to register by providing their details, which will be authenticated with the API.
2. **Objective**
   * Develop a simple and user-friendly registration page.
   * Implement validation notifications for user input.
   * Integrate the frontend with the API for user registration.
3. **Success Criteria**
   * A successful registration notification will appear.
   * Users can register by providing valid information.
   * Users will be directed to the login page upon successful registration.
4. **Components (Form)**

**Username:**

* Type Text
* Validation: Required, must be at least 5 characters long
* Placeholder: Enter Username…

**Password:**

* Type: Password
* Validation: Required, must be at least 5 characters long
* Placeholder: Enter Password…

**Confirm Password:**

* + Type: Password
  + Validation: Required, must match the password
  + Placeholder: Confirm Password…

**Email:**

* Type: Email
* Validation: Required, must be a valid email format
* Placeholder: Enter Email…

**Gender:**

* Type: text
* Validation: Required, must be a Male or Female
* Placeholder: Enter gender…

**Age:**

* Type: number
* Validation: Required, must be number
* Placeholder: Enter Age…

**Contact Number:**

* Type: number
* Validation: Required, must be number
* Placeholder: Enter Number…

**Register Button:**

* Type: Submit
* Label: Register

**Error Handling:**

* Display an alert or error notification when the user enters incorrect or incomplete information.