CHANGE PASSWORD IN SOFTLIBBBBB

XAAMP user : Urvish Suhagiya , Urvish@123

Admin : admin , admin@SOFTLIB01

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| Professor in CE | 01SE01CE001 |

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| Associate Prof in CE | 01SE02CE001 |

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| Assistant Prof in CE | 01SE03CE001 |

01 is RESERVED CODE THAT IS FACULTY NOT STUDENT

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an analysis of how your project files are interconnected and how the system works:

### 1. **Main Entry Point :**[index.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html)

* **Purpose**: Acts as the main entry point for users.
* **Connections**:
* Includes [config.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html) to establish a database connection.
* Handles user login by validating credentials against the tblstudents table in the database.
* Redirects authenticated users to [dashboard.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html).
* Links to:
* [signup.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html) for user registration.
* [user-forgot-password.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html) for password recovery.
* [adminlogin.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html) for admin login.

### 2. **Database Configuration :**[config.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html)

* **Purpose**: Provides the database connection using PDO.
* **Connections**:
* Included in almost all PHP files to enable database interactions.

### 3. **User Authentication**

* **Files Involved**:
* [index.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Handles user login.
* [signup.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Allows new users to register.
* [user-forgot-password.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Provides password recovery functionality.
* **Database Tables**:
* tblstudents: Stores user credentials and status.

### 4. **Admin Panel**

* **Files Involved**:
* [adminlogin.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Handles admin login.
* [dashboard.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Admin dashboard.
* [add-book.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html), [add-author.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html), [add-category.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Allow admins to manage books, authors, and categories.
* [manage-issued-books.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Manages issued books.
* [reg-students.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Manages student accounts (e.g., block/unblock users).
* **Connections**:
* Admin files include [config.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html) for database access.
* Admin actions (e.g., adding books) interact with database tables like tblbooks, tblauthors, and tblcategory.

### 5. **User Dashboard**

* **Files Involved**:
* [dashboard.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Displays user-specific information.
* [my-profile.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Allows users to view and update their profile.
* [issued-books.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Displays books issued to the user.
* **Connections**:
* Fetches data from tables like tblstudents, tblissuedbookdetails, and tblbooks.

### 6. **Book Management**

* **Files Involved**:
* [add-book.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Adds new books.
* [manage-books.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Lists and manages books.
* [update-issue-bookdeails.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Updates issued book details.
* [issue-book.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Issues books to students.
* **Connections**:
* Interacts with tblbooks, tblissuedbookdetails, and tblstudents tables.

### 7. **Dynamic Data Fetching**

* **Files Involved**:
* [get\_book.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Fetches book details dynamically.
* [get\_student.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Fetches student details dynamically.
* **Connections**:
* Used in forms (e.g., issue book) to fetch data via AJAX.

### 8. **Assets**

* **Files Involved**:
* [css](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Contains stylesheets for UI.
* [js](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Contains JavaScript files for interactivity (e.g., [custom.js](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html) for DataTables).
* [img](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Stores images like logos and book covers.
* **Connections**:
* Referenced in HTML files for styling and functionality.

### 9. **Database**

* **File**: SQL file/library.sql
* **Purpose**: Defines the database schema and initial data.
* **Tables**:
* tblstudents: Stores student details.
* tblbooks: Stores book details.
* tblissuedbookdetails: Tracks issued books.
* tblauthors, tblcategory: Manage authors and categories.

### 10. **Error Handling**

* **Files Involved**:
* [index.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html), [adminlogin.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html), and others use error\_reporting(0) to suppress errors.
* **Connections**:
* Errors are logged or displayed based on the environment.

### 11. **Session Management**

* **Files Involved**:
* [index.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html), [adminlogin.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html), [dashboard.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html), etc.
* **Purpose**:
* Tracks user/admin login sessions using $\_SESSION.

### 12. **Navigation**

* **Files Involved**:
* [index.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Provides navigation links for users.
* [dashboard.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html): Provides navigation links for admin actions.
* **Connections**:
* Links to other files like [signup.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html), [adminlogin.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html), etc.

### Summary of Workflow:

1. **User Flow**:

* Users access [index.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html) to log in.
* Upon successful login, they are redirected to [dashboard.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html).
* Users can view their profile (my-profile.php) or issued books (issued-books.php).

1. **Admin Flow**:

* Admins log in via [adminlogin.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html).
* Admins manage books, authors, categories, and students via the admin panel.

1. **Database Interaction**:

* All actions (e.g., login, book issue) interact with the database via [config.php](vscode-file://vscode-app/d:/Microsoft%20VS%20Code/resources/app/out/vs/code/electron-sandbox/workbench/workbench.html).

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### **Full Name**

* Should only contain **letters and spaces**
* Minimum **3 characters**
* ❌ No numbers or special characters

**Regex (optional):** ^[A-Za-z ]{3,}$

### **✅ Enrollment Number**

* Exactly **11 characters** (as you already set minlength="11" and maxlength="11")
* Can be **alphanumeric** (e.g., 21SE02CE043)
* Must be **unique**

### **✅ Mobile Number**

* Must be exactly **10 digits**
* Should start with **6, 7, 8, or 9** (valid for Indian mobile numbers)
* Only **numeric** values allowed

**Regex:** ^[6-9]\d{9}$

### **✅ Email ID**

* Should be a **valid email format** (abc@example.com)
* Must be **unique** (already checked via check\_availability.php)
* Browser already validates using type="email"

### **✅ Password and Confirm Password**

* Minimum **6 characters** (recommended 8+)
* Must include:
* At least **1 uppercase**
* At least **1 lowercase**
* At least **1 number**
* At least **1 special character** (like @, $, #, etc.)
* Confirm password must **match** password

**Regex suggestion:**^(?=.\*[a-z])(?=.\*[A-Z])(?=.\*\d)(?=.\*[@$!%\*?&])[A-Za-z\d@$!%\*?&]{6,}$

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SELECT \* FROM `tblstudents` WHERE FullName = "Anuj Chauhan"

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM tblbooks LIMIT 10;

SELECT , FROM , WHERE, GROUP BY , HAVING , ORDER BY , LIMIT