**OM BHARAT APPLICATION**

**USER MANAGEMENT**

**1. SIGN UP PAGE:**

### **1. User Navigates to the Sign-Up Page**

* The user clicks the "Sign Up" or "Create Account" button on the homepage or login page.
* The application displays the Sign-Up page with a registration form.

### **2. User Enters Required Information**

* Name: For display purposes during meetings.
* Email Address: Acts as the unique identifier for the account.
* Password: For secure access to the account.
* **Checkboxes:**
  + Accept Terms and Conditions.
  + Consent to Privacy Policy.
  + The application validates the provided information (e.g., checks email syntax, password strength).

### **3. Server-Side Validation**

* The application sends the provided data to the server for further validation
* Ensures the email is not already registered.
* Verifies compliance with password policies.
* If valid, proceed to the next step.
* If invalid, display an error message (e.g., "Email already in use" or "Weak password").

### **4. Verification Process**

* The application sends a verification email with a unique, time-limited link or OTP (One-Time Password).
* The user is prompted to check their inbox.
* The user clicks the verification link or enters the OTP to confirm ownership of the email address.
* If the verification fails (e.g., expired link or wrong OTP), the user is prompted to retry.

### **5. Account Creation**

* Once verified, the system creates the user account in the database.
* Generates a unique user ID and stores the provided details securely.
* The account is successfully created, and the user is notified.
* After successful registration, the user is either:

I. Redirected to the dashboard/homepage.

II. Shown an onboarding tutorial or setup guide (e.g., setting up a profile picture, adjusting settings).

* The user is ready to start using the application.

### **OPTIONAL FEATURES**

1. **Social Sign-Up Options:**
   * Allow users to sign up using Google, Microsoft, or Apple accounts for convenience.

**2. SIGN IN PAGE:**

### **1. User Navigates to Sign-In Page**

* The user opens the application and selects the **Sign In** option.
* The application displays the Sign-In page with fields for credentials.

### **2. User Enters Credentials**

* The user enters their **email/username** and **password** into the provided fields.
* Alternatively, they can also sign in through their google account.

### **3. Application Validates Input**

* If the input passes basic validation, the application sends a request to the server for authentication.
* The server checks if the email/username exists and matches the password in the database.
* If invalid, the server returns an error message (e.g., “Incorrect password” or “Account not found”).

### **4. Authentication Success**

* If the credentials are valid,the user is authenticated and granted access.

### **5. Redirect to Dashboard**

* The application redirects the user to their dashboard or home page (e.g., meeting schedule, upcoming events).
* The user is signed in and ready to use the application.

**FORGOT PASSWORD**

### **1. User Initiates Password Recovery**

* The user clicks the "Forgot Password" link on the login page.
* The application redirects the user to the password recovery page.
* A form is displayed requesting an identifier (email).

### **2. User Provides Account Identifier**

* The user enters their registered email address.
* The application validates the format (e.g., checks for valid email syntax).
* If the input is invalid, an error message is shown (e.g., "Invalid email format").
* If valid, the system checks if the account exists in the database.

### **3. Verification Process**

* If the account exists, the system sends a password reset link or OTP (One-Time Password) to the registered email .
* If the account does not exist, the user is shown an error message (e.g., "Account not found").
* Option to re-enter the correct identifier is provided.

### **4. User Confirms Identity**

* The user enters the OTP sent to their email or phone.
* The system validates the OTP for correctness and expiration.
* If valid, the system proceeds to the password reset step.
* If invalid or expired, the user is prompted to resend OTP.

### **5. User Resets Password**

* The user enters a new password and confirms it.
* The system enforces password policies (e.g., minimum length, special characters, no reuse of old passwords).
* If the new password meets the criteria, it is updated in the database.

### **6. Confirmation**

* The application displays a success message (e.g., "Your password has been reset successfully").
* The user is prompted to log in with the new password.

**DASHBOARD PAGE:**

After signing in to the application, the user will be redirected to the Home Page/Dashboard page.

1. **User Profile Information:**
   * Display the user’s name and profile picture .
   * Option to edit account settings or logout.
2. **Join a Meeting:**
   * A prominent button to instantly join a meeting by entering a Meeting ID or link.
   * Quick access to audio and video settings before joining.
3. **Start a New Meeting:**
   * Options to:
     + Start a meeting with or without video.
     + Use the personal meeting ID.
     + Select instant meeting settings.
4. **Upcoming Meetings:**
   * A calendar view or list of scheduled meetings for the user.
   * Integration with calendar services like Google Calendar or Outlook.
5. **Schedule a Meeting:**
   * Access to schedule a new meeting, including:
     + Time, date, and duration settings.
     + Recurring meeting options.
     + Participant settings (waiting room, passcode, etc.).
6. **Share Screen:**
   * Direct link to start sharing the screen without entering a meeting.
7. **Navigation Menu:**
   * Tabs to switch between key sections:
     + **Home/Dashboard:** Current page.
     + **Meetings:** List and manage scheduled meetings.
     + **Contacts:** Access and manage personal and organizational contacts.
     + **Chat:** Open chat functionality for individual or group messaging.
8. **Notifications:**
   * Alerts about upcoming meetings, updates, or messages.
9. **Settings and Preferences:**
   * Links to configure:
     + Audio and video devices.
     + Recording preferences.
     + Security settings.
     + Virtual backgrounds.
10. **Support Links:**
    * Links to help articles, FAQs, or live support.