**User Onboarding Flow**

**Project Outline**

**User Onboarding Flow**

**Steps Overview**

1. **Step 1: Collect User Phone Number** 
   * **User enters their phone number.**
   * **Proceed to OTP verification.**
2. **Step 2: OTP Verification** 
   * **User receives OTP.**
   * **User enters OTP to verify.**
   * **Once verified, create an account.**
3. **Step 3: Onboarding Screens** 
   * **Screen 1: Business Type Selection** 
     + **Prompt: "What's your site primarily about?"**
     + **Options: Doctor, Mentor, etc.**
   * **Screen 2: Business Owner Name** 
     + **Prompt: "Enter your name or brand name"**
     + **Text Input Field.**
   * **Screen 3: Subdomain Selection** 
     + **Prompt: "Create your online identity"**
     + **Text Input Field.**
     + **Check if subdomain (e.g., Linktree username) is available.**
   * **Screen 4: Goal Selection** 
     + **Prompt: "Which best describes your goal for using Linktree?"**
     + **Options: Creator, Business, Personal.**
   * **Screen 5: Template Selection** 
     + **Prompt: "Select a template"**
     + **Show template options for styling.**
   * **Screen 6: Social Platform Selection** 
     + **Prompt: "Which platforms are you on?"**
     + **Allow selection of up to five platforms.**
   * **Screen 7: Profile Details** 
     + **Prompt: "Add profile details"**
     + **Upload profile image.**
4. **Step 4: Completion** 
   * **Show splash screen with the message:** 
     + **"Boom! You're done!"**
     + **Options: Share your link | Continue editing.**
5. **Step 5: Redirect to Dashboard** 
   * **User is redirected to the main dashboard.**

**Requirements**

**Frontend**

* **Input Validation: Ensure all text inputs are validated (e.g., phone number format, username availability).**
* **Responsive Design: Ensure seamless experience on both mobile and desktop.**

**Backend**

* **Phone Number Validation: Implement OTP verification using an SMS gateway (Appwrite).**
* **Username Check: API to verify subdomain availability.**
* **Database Setup: User data, preferences, and selections stored securely.**

**UI/UX Features**

* **Progress Indicator: Show the user where they are in the onboarding process.**
* **Template Previews: Allow users to see live previews of selected templates.**
* **Customizable Options: Make sure users can revisit onboarding screens post-registration.**

**Diagram Outline**

**1. Splash Screen --> Collect Phone Number --> OTP Verification --> Create Account --> Onboarding Screen**

**Onboarding Screen:**

**|**

**|--> Select Business Type**

**|**

**|--> Enter Business Name**

**|**

**|--> Create Online Identity (Check Subdomain Availability)**

**|**

**|--> Select Goal**

**|**

**|--> Choose Template**

**|**

**|--> Choose Platforms**

**|**

**|--> Add Profile Image**

**2. Onboarding Complete --> Display "Boom! You're Done" Screen --> Options: Share Link or Continue Editing --> Redirect to Dashboard**

**Admin Dashboard CRUD and Management**

**Features**

1. **User Management** 
   * **View, Add, Edit, Delete users.**
   * **Search and filter users by name, phone number, or registration date.**
   * **Reset user passwords.**
2. **Business Categories Management** 
   * **CRUD operations for business categories (e.g., Doctor, Mentor).**
   * **Assign categories to users.**
3. **Subdomain Management** 
   * **View all subdomains.**
   * **Check subdomain availability.**
   * **Delete or edit user subdomains.**
4. **Templates Management** 
   * **Add, update, or remove templates.**
   * **Assign default templates for new users.**
5. **Platform Integration Management** 
   * **Add or remove supported platforms.**
   * **View platform usage statistics.**
6. **Profile Image Approvals (Optional)** 
   * **Review and approve profile images uploaded by users.**
7. **Analytics Dashboard** 
   * **Track user registrations.**
   * **Monitor template selections and platform integrations.**

**Backend API Structure**

* **Microservices architecture for modular and scalable development.**