

## Assignment Overview-Create **Web App** (using React )and **APP** for Android or Ios App using React native CLI

### Web Application for Mobile View

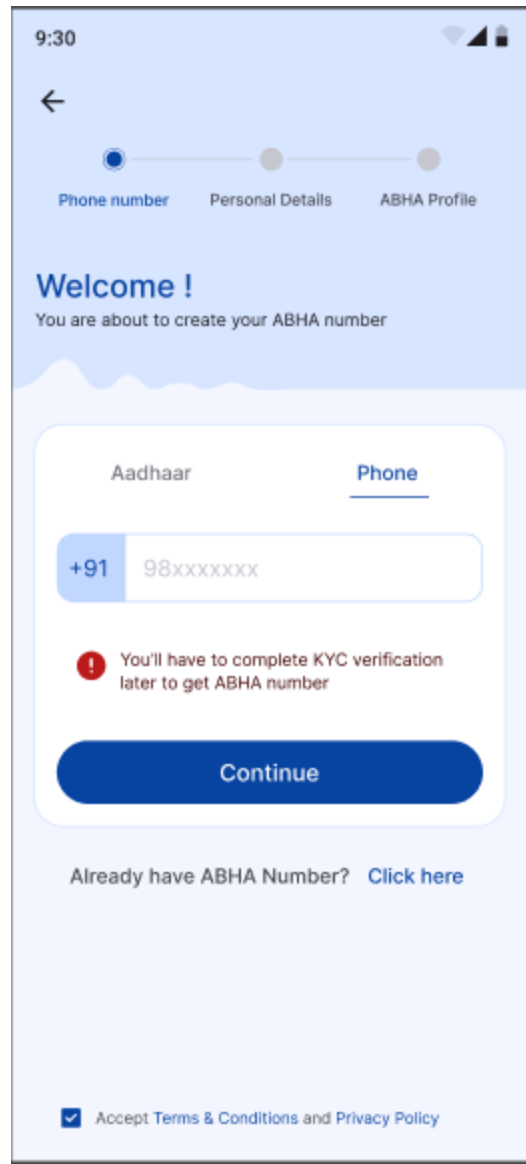
1. **Technology Stack:**
  - React
  - TypeScript
  - Redux Toolkit (for state management)
  - Material UI
2. **Note:** Do not use Expo to create the app – use React Native CLI only.

### Ambula App Development

1. **Setup:**
  1. Use React Native CLI with TypeScript and Redux for state management.
2. **Steps:**
  1. Download the Ambula application from the Play Store.
  2. Register using your mobile number.
  3. Upon successful registration, you will be redirected to the Ambula Home page.
  4. Create the Ambula Home Page with static data:
    - Use similar icons from Google (not exactly the same).
    - Create similar cards (data displayed in the form of cards) – not exactly the same.
  5. Implement the "Create Abha" feature:
    - Redirect to the "Create Abha Number" page.
    - Create a similar "Create Abha" page.

### Major Tasks

1. **Create Abha Address:**
  - Use a mobile number.



The screenshot shows a mobile app interface for creating an ABHA number. At the top, the status bar shows 9:30. Below it is a navigation bar with a back arrow and a progress indicator with three dots. The first dot is blue and labeled 'Phone number', the second is grey and labeled 'Personal Details', and the third is grey and labeled 'ABHA Profile'. Below the progress bar, the text 'Welcome !' is displayed, followed by 'You are about to create your ABHA number'. The main content area has two tabs: 'Aadhaar' and 'Phone'. The 'Phone' tab is selected and underlined. Below the tabs is a phone number input field with a blue box containing '+91' and a white box containing '98xxxxxxx'. Below the input field is a red warning icon and the text 'You'll have to complete KYC verification later to get ABHA number'. Below the warning is a blue 'Continue' button. At the bottom of the main content area, the text 'Already have ABHA Number? Click here' is displayed. At the very bottom of the screen, there is a checkbox labeled 'Accept Terms & Conditions and Privacy Policy' which is checked.

- 
- Add validation for the mobile number:
  - Must be 10 digits.
  - Should not accept characters.


## 2. Verify Mobile Number:

- On clicking "Verify," redirect to the OTP page.

9:30

← OTP Verification

We have sent a 6 digit OTP to xxxxx987




Enter OTP

Verify and continue

Didn't receive OTP? [Resend OTP](#) 00:23

Approved & Authorized By



- 
- Use dummy OTP **123456**.
- Add validation for OTP:
  - Must be 6 digits.
  - If the user enters an OTP other than **123456**, show an error popup.

### 3. Verify OTP:

- On clicking "Verify OTP," redirect to the Profile Details page.

9:30

←

Phone number Personal Details ABHA Profile

**Name**

First name \*

First Name

Middle name Last name

Middle name Last name

**Date of Birth**

Year \*

YYYY

Day Month

DD MM

**Gender \***

Male Female Other

**Contact Details**

Phone

+91 9811242334

Email

Enter valid email id

**Address Details**

Address

Building, apartment, street etc

Pincode \*

eg-110065

State District

Select any Select any

Continue

- 
- Ensure all mandatory fields are filled; otherwise, show an error popup.

#### 4. User Suggestions:

- After filling in the details, redirect the user to the User Suggestion page.

9:30

←

Phone number Personal Details ABHA Profile

**Congratulations !**  
You have successfully created your ABHA number

Create your ABHA address

jsdahj23 @abdm

This ABHA address is available

Suggestions

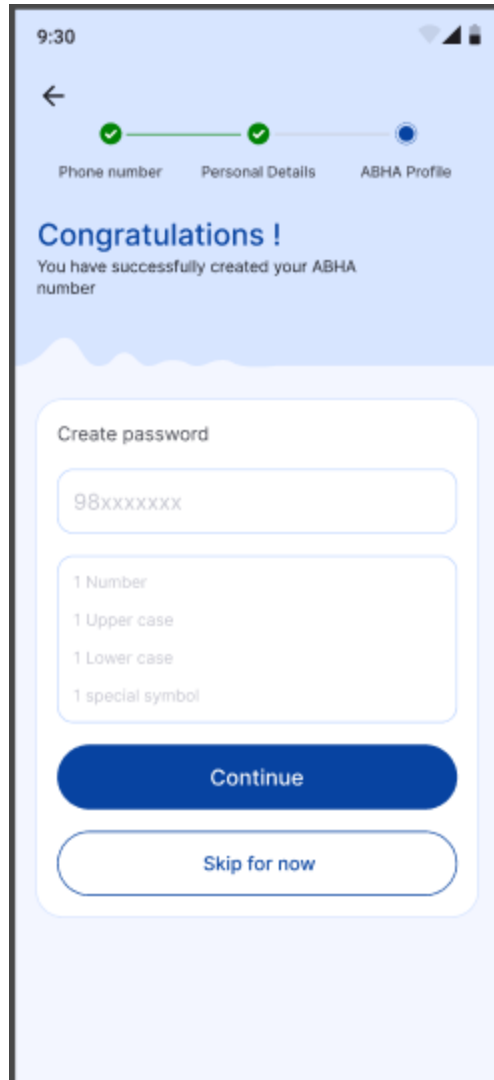
✓ Dgra3414 ✓ Dgra3414

Continue

- 
- Use static data to show a list of user suggestions with similar functionality.
- Add validation as needed.

## 5. Password Creation:

- After user suggestions, clicking the "Continue" button redirects the user to the "Create Password" page.



- 
- Create a similar password page with all necessary validations (ignore skip password functionality).

#### 6. **Completion:**

- On clicking "Continue," display the "Congratulations" screen.
- Create a similar "Congratulations" page.

#### **Submission Requirements**

##### **1. GitHub:**

- Submit the code repository on GitHub.

##### **2. Web App Deployment:**

- Deploy the web application on Netlify or any other free hosting site.

### **3. Mobile App:**

- Create an APK for the mobile app and share it.