

Steps to Create the Offline Notes Project From Scratch

1. Create a New Expo Project

Run:

```
npx create-expo-app OfflineNotes
```

```
cd OfflineNotes
```

2. Install Required Libraries

Navigation:

```
npm install @react-navigation/native
```

```
npm install @react-navigation/native-stack
```

```
npx expo install react-native-screens react-native-safe-area-context
```

Storage:

```
npm install @react-native-async-storage/async-storage
```

Image & Camera Handling:

```
npx expo install expo-camera
```

```
npx expo install expo-image-picker
```

```
npx expo install expo-file-system
```

Utility:

```
npm install uuid
```

```
npx expo install react-native-get-random-values
```

UI Styling (Tailwind-like):

```
npm install twrnc
```

SVG Support:

```
npx expo install react-native-svg
```

3. Create Folder Structure:

OfflineNotes/

■ ■ ■ src/

■ ■ ■ ■ screens/

■ ■ ■ ■ components/

■ ■ ■ ■ utils/

■ ■ ■ ■ Appnavigator.tsx

■ ■ ■ App.tsx

4. Implement Main Features:

- Create, view, edit, delete notes
- Store notes using AsyncStorage
- Capture images using Camera
- Pick images from gallery
- Display notes in a list
- Navigate between screens

5. Build APK Using EAS:

npm install -g eas-cli

eas login

eas build:configure

eas build -p android --profile preview

6. Libraries Used:

- Expo SDK 54
- React Native 0.81
- React Navigation
- AsyncStorage

- Expo Camera
- Expo Image Picker
- Expo File System
- UUID
- twrnc (Tailwind-like styling)
- React Native SVG

7. Known Issues / Incomplete Features:

- Web build may not fully support camera and file system
- No cloud syncing
- No dark mode
- No biometric/PIN lock
- Delete confirmation missing
- Some UI screens can be improved