Mobile Application Development

Assignment 3

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SE - 6

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Registration Screen:

*Allow users to register on this screen.
*Save user data to local storage.
*Ensure support for saving data for multiple users.

CODE :-

```
import React, { useState } from 'react';
import { View, Text, TextInput, Button } from 'react-native';

const RegistrationScreen = ({ onRegistration }) => {
  const [username, setUsername] = useState('');
  const [password, setPassword] = useState('');

  const handleRegistration = () => {
    // Validate input
    if (username.trim() === '' || password.trim() === '') {
      // Show an error message or prevent submission
      return;
    }

    // Save user data to local storage
    const userData = { username, password };
    onRegistration(userData);

    // Clear input fields
    setUsername('');
    setPassword('');
  };

  return (
    <View>
      <Text>Registration</Text>
      <TextInput
        placeholder="Username"
        value={username}
        onChangeText={(text) => setUsername(text)}
      />
      <TextInput
        placeholder="Password"
        secureTextEntry
        value={password}
        onChangeText={(text) => setPassword(text)}
      />
      <Button title="Register" onPress={handleRegistration} />
    </View>
  );
};
```

export default RegistrationScreen;

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Login Screen:

 *After registration, direct users to the login screen.
*Validate input fields against data stored in local storage.
*If user data exists, proceed to the CV Form Screen.

CODE :-

```
import React, { useState } from 'react';
import { View, Text, TextInput, Button } from 'react-native';

const LoginScreen = ({ onLogin }) => {
  const [username, setUsername] = useState('');
  const [password, setPassword] = useState('');

  const handleLogin = () => {
    // Validate input against data stored in local storage
    const userData = { username, password };
    const isUserValid = onLogin(userData);

    // If user data exists, proceed to the CV Form Screen
    if (isUserValid) {
      // Navigate to the CV Form Screen
    } else {
      // Show an error message
    }
  };

  return (
    <View>
      <Text>Login</Text>
      <TextInput
        placeholder="Username"
        value={username}
        onChangeText={(text) => setUsername(text)}
      />
      <TextInput
        placeholder="Password"
        secureTextEntry
        value={password}
        onChangeText={(text) => setPassword(text)}
      />
      <Button title="Login" onPress={handleLogin} />
    </View>
  );
};

export default LoginScreen;
```

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CV Display Screen:

*Implement a Preview button in the CV Form.
*Upon clicking the Preview button, navigate to the CV Display screen.
*Fetch all stored data and present it in a well-organized manner.

CODE :-

```
import React, { useState, useEffect } from 'react';
import { View, Text, Button } from 'react-native';

const CVDisplayScreen = ({ storedCVData }) => {
  // Fetch all stored data and present it in a well-organized manner
  useEffect(() => {
    // Update UI with stored CV data
  }, [storedCVData]);

  return (
    <View>
      <Text>CV Display</Text>
      {/* Display stored CV data */}
      <Button title="Go Back" onPress={() => /* Navigate back to the previous screen */} />
    </View>
  );
};

export default CVDisplayScreen;
```

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CV Form Screen:

*Upon successful login, transition to the CV Form screen.
*Pass retrieved data from local storage and display it in the app header.
*Save all entered data in the CV Form to local storage.

CODE:-

```
import React, { useState, useEffect } from 'react';
import { View, Text, TextInput, Button } from 'react-native';

const CVFormScreen = ({ userData, onSaveCVForm }) => {
  const [cvData, setCVData] = useState({
    // Define the structure of your CV data
  });

  useEffect(() => {
    // Pass retrieved data from local storage and display it in the app header
```

```
  // e.g., update the header with the username
}, [userData]);

const handleSaveCVForm = () => {
  // Save all entered data in the CV Form to local storage
  onSaveCVForm(cvData);

  // Show a success message or navigate to the next screen
};

return (
  <View>
    <Text>CV Form</Text>
    {/* Add form fields for CV data */}
    <Button title="Save" onPress={handleSaveCVForm} />
  </View>
 );
};

export default CVFormScreen;
```

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