Simple Login application

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Registration Number: 2018ICTS96

Date: 08/12/2024

Github: https://github.com/DeshanBandara/React Native Login System.git

Introduction

Simple login app containing Login page, Registration page and Home page. User can register using their first name and suitable password, password and confirm password should be equal and the user can go into the login page and providing the registered user name password user can log into the home page.

Project Requirements

Login Page

- A user-friendly login interface where user can enter their User name and password
- Used form validations techniques to ensure correct inputs
- Redirect user to the Home page after successful login
- Login button to redirect to Home page and Register button to redirect into the Registration page

Registration Page

- Allow new users to sign up by providing the necessary details.
- Validation form inputs and navigate back to the Login Page after Registration

Home Page

- Display a welcome message with the user's name after a successful login.
- Display The Logout button

Development Process

Initial Setup

Creating the project using npx create-expo-app@latest

```
C:\Windows\System32\cmd.e: × + ~
npm warn deprecated sudo-prompt@9.1.1: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
npm warn deprecated domexception@4.0.0: Use your platform's native DOMException instead
npm warn deprecated @xmldom/xmldom@0.7.13: this version is no longer supported, please update to at least 0.8.*
npm warn deprecated sudo-prompt@8.2.5: Package no longer supported. Contact Support at https://www.npmjs.com/support for
 more info.
added 1178 packages, and audited 1179 packages in 4m
105 packages are looking for funding run `npm fund` for details
5 low severity vulnerabilities
To address all issues (including breaking changes), run:
  npm audit fix --force
Run 'npm audit' for details.

✓ Your project is ready!

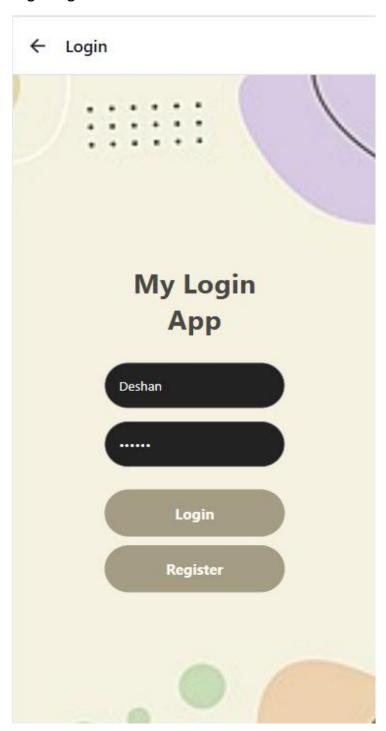
To run your project, navigate to the directory and run one of the following npm commands.
 - cd Tutorial04
- npm run android
- npm run ios # you need to use macOS to build the iOS project - use the Expo app if you need to do iOS development with out a Mac
  npm run web
E:\4 Year\Second Semester\TICT4242 MAD (P)>
```

File Structure

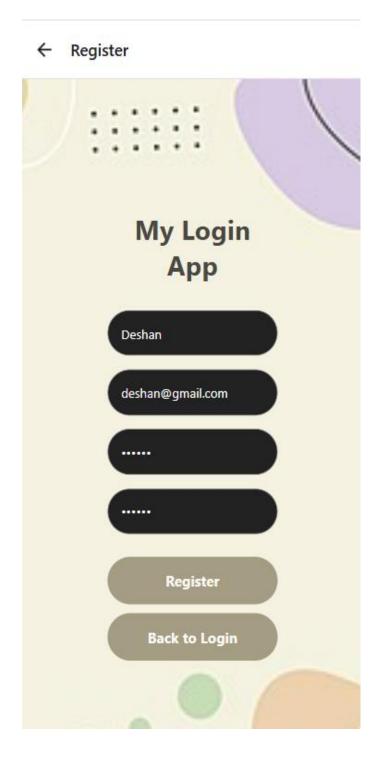
```
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```

Application Screenshots

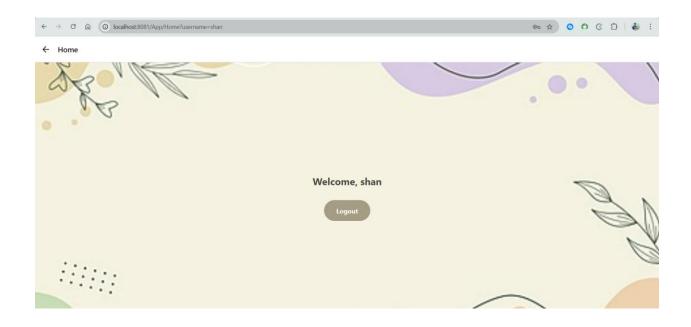
Login Page



Registration Page



Home Page



Code Section

App.jsx

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HomePage.jsx

```
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```

RegistrationPage.jsx

LoginPage.jsx

```
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Features

- Navigation
- Form Validation

Application Screens

- Login Page Including validation and successful login behavior.
- Registration Include validation and successful registration behavior.
- **Home** Include Welcome note with user name, logout button.