**My Memories App**

*Please Use ReadMe within Code before testing app.*

1. **Authentication:**
   1. **Login/Signup:**

For login/signup, Formik was used to take user input, Yup was used for input validation.

Custom Component App Text input, used as a wrapper for input field and AppTextInput file where I handle the formik to set the input field. Local storage was used to register user and login.

1. **Memory Screen:**

The memory screen which is named as home screen in app. Has features to add delete and update the memory collection. There is dummy memory list when user has not added any memories to collection. Which is imported from local storage data.

* 1. **Add Memory:**

At the top there is + plus button which will navigate to add memory screen where user can add details title, description category and image (optional).

Custom components were used for input fields, image picker and category selection.

* 1. **Update/Edit Memory:**

Update Memory is similar to add. Sets the default data for fields which will show input coming from navigation parameters and acceses the item data for route.params in update Memory screen.

* 1. **Delete Memory:**

Delete Memory has the function named filterMemory. Which matches the deleted memory by id, updates it in local storage.

* 1. **Filter Memory:**

This model on home screen renders list of category and filters the list according to the category.

1. **Profile Screen:**

Close to category filter, there is a for profile screen icon. On clicking opens, profile screen which shows the basic information of logged in user and has logout button which will navigate you to login screen after logout.

1. **Navigation**
   1. AuthNavigation file utilizes stack navigation for login, signup page.
   2. AppNavigation file, again uses stack navigation for passing screens such as home, add & update memory screen, profile screen.
2. Best Practices:

5.1 Authentication is handled within local storage. Hot reload, app reload is handled. App loads data during splash screen if user has not logged out.

* 1. Custom components are used wherever possible to avoid unwanted styling.
  2. Proper naming conventions used.

1. Components Used:

6.1. AppForm / AppFormFeild:

It is used in login, signup, Add Memory Screen and Update Memory Screen.

6.2. Icon Component:

This is custom icon component which is used for different screens such as home screen in header close to filter.

6.3. Text Input field

is custom field for inputs and wrapped by AppFormField.

6.4 CategoryPickerItems:

This is just a custom component to select category item, in filteration.

6.5. AppFormPicker:

This component is used in update and add memory screen.

It is a category picker field which is a wrapper on App picker.

6.6. CustomText:

Custom component used to display text in login and signup

6.7 ImageInput :

It is used to input image. it is used in update and add memory screen.

6.8. ListItem

It is used in profile screen to render information like name and password.

6.9 Memory card:

This is the card for memory which is used to render in home screen.

6.10 Screen, a.k.a custom safe area view

This component is to avoid the context cover into the notch area.

6.11. Submit Button:

This is wrapper on App Button. Used to submit formic form. Used in login signup.

6.13. ValidationErrorMessage:

Used to show error validation messages. When wrong credentials are entered.

6.15 App Button:

This is just a custom app button.

**Bugs**

Unable to handle user registration. Could not identify buds.