

External Dependencies:

React Native - <https://reactnative.dev/>

React native is a JavaScript framework used for building native user interfaces for android and iOS devices. Our main code was written in javascript using react native framework features.

React - <https://reactjs.org/>

React native is a JavaScript framework used for building user interfaces for web development. This framework is used to support react native for native app development. Its features and style of writing code in terms of reusable components were incorporated into our App.

NodeJS - <https://nodejs.org/en/>

It is a JavaScript runtime environment that provided a runtime engine for our app. It also provided a package manager called npm which was used to set up our project and install all the external dependencies the app needed.

Android Studio - <https://developer.android.com/studio>

It is an IDE used for Android app development. It also provides an Android phone emulator for the laptop. We used Android studio to write and manage our code and various JS files. Also, the emulator was used to run, debug and test our developed code.

Expo - <https://expo.dev/>

Expo is an open-source platform for making universal native apps for Android, iOS, and the web with JavaScript and React. We used it to deploy and build an APK file for our app.

Builder X - <https://builderx.io/login>

BuilderX is a browser-based design tool that codes React Native. We used it to design the app layout for screens such as launch, parent, child, and add child tasks.

GIT - <https://git-scm.com/>

Git was used for code collaboration among team members. Our code repository was set up on GitHub.

React Native libraries used:

- **redux** - used for managing state within the application and passing data from one screen to another.
- **react-navigation** - used to set up and configure navigation between different screens.

- **react-native-calendars** - provides the calendar component used in the home screen.
- **react-native-date-picker** - provides the date picker component used in the add child task screen.
- **React-native-paper** - provides the card component used in the home and event screen.
- **urrid** - generates a random unique id for each task, hobby, and baby.
- **react-native-image-picker** - provides the image picker component used in selecting image in the signup and add child page.