Application Development (React Native/Expo)

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Task 01

React Native
one of the most recommended Mobile App Frameworks in the development industry created by Facebooks an open-source framework that offers you to develop mobile applications for Android & iOS platforms.For Todo App Recommanded framework also the React Native framework is based on React and JavaScript that aims to develop native applications over hybrid applications that run on a web-view.

I choosed for mobile app for react native framework

Flutter

Flutter, developed by Google, is a UI toolkit to build native applications for the mobile, desktop & web platform. Flutter is a cross-platform mobile app development framework that works on one code base to develop Android as well as iOS applications. The framework provides a large range of fully customizable widgets that helps to build native applications in a shorter span.

Mobile Angular UI

Mobile Angular UI is an open-source mobile application development framework that merges the implementation of the Bootstrap and Angular framework. The framework offers various UI components such as *overlays*, *switches*, *sidebars*, *navbars*, *scrollable areas*, etc. to provide robust and attractive user interfaces for the applications. Furthermore, Mobile Angular UI supports fastclick.js and overthrow.js to create rich experiences. Moreover, Mobile Angular UI supports cross-browser compatibility that allows it to automatic handling of JavaScript code for each browser

Task 02

React Native

Pros

- Code Re-usability & Cost-Effective
- Compatible with third-party plugins
- Re-usable components for optimal performance
- Provides hot deployment features
- Ease of Maintenance

Cons

- A new solution, not 100% tested
- An iOS or Android developer is required
- No differences between iOS and Android

Flutter

Pros

- Provides Full Native Performance
- Flexible User interface (UI)
- Provides Strong Widget Support
- Offers Built-in Material Design
- Fast Application Development

Cons

- Flutter is still an immature framework.
- Dart is also pretty immature.
- The look & feel is not 100% the same as with native solutions

Mobile Angular UI

Pros

- Responsive Framework
- Offers Interactive Components
- LightWeight

Cons

- **Performance**. Dynamic applications didn't always perform that well. Complex SPAs could be laggy and inconvenient to use due to their size.
- **Steep learning curve.**

Value Added Feature

Search Area

- User Can Easily Search anything.

Todo App

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Task List

~~New Design for mobile design~~   🗑

Final Project   🗑

Check Email   🗑

➕ **Add New Task**

Ui's

Todo App

Todo App

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Task List

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➕ **Add New Task**

Create New Task

New Task

Detail

Create

Import things before develop the mobile application

Concept Proofing
Know your audience
Design
Security
Database
Future proofing
Supported Platforms

My Favorite Mobile Application is Whatsapp

I can send text, share photos, videos, location and make voice and video calls over the internet. It does not need any costs as long as you have a Wifi Connection or mobile network. You can use Whatsapp by downloading the app on mobile or use it on the web as well. Very user friendly.

App Running After

Todo App

Todo App

Search

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New Task

Detail

Create