

APPLICATION DEVELOPMENT (REACT NATIVE/EXPO)

APP DEVELOPMENT FRAMEWORK

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FRAMEWORK SOLUTION

TODONOTES APP FRAMEWORK

Hybrid apps are native apps only because it can be downloaded from platform's app store like native app. It can get access to all the native platform features. the hybrid mobile apps are budget friendly for sure as compared to the native mobile apps.

Hybrid app says it all for the no internet connection user engagement. These apps are capable to run without online connectivity having online-offline switching modes. Hybrid apps have nothing to do with the decoding of each line but choosing one single framework that suits best app requirement. So the app maintenance would be easy.

FRAMEWORK SOLUTION

COMPARE AND CONTRAST YOUR FRAMEWORKS

Native App Development

Native mobile apps are the most common type of app. They are built for specific platforms and are written in languages that the platform accepts. For example, Swift and Objective-C for native iOS apps and Java or Kotlin for native Android apps. Native apps are also built using the specific Integrated Development Environment (IDE) for the selected operating systems.

ADVANTAGES OF NATIVE APPS

Native apps deliver the best performance of all three development approaches.

Native apps receive complete support from app stores and the overall app marketplace. Distribution in app stores helps with discoverability.

Native apps are interactive, intuitive, and run more smoothly in terms of user input and output.

DISADVANTAGES OF NATIVE APPS

Native apps use difficult programming languages which require experienced developers.

Expenses are more costly upfront for native apps compared to web or hybrid apps.

Native apps are not the best option for simple applications.

FRAMEWORK SOLUTION

COMPARE AND CONTRAST YOUR FRAMEWORKS

Progressive Web Apps Development

Progressive web apps (PWAs) are hybrids of regular web pages and native apps. Overall, web apps lack the functionality of native apps, such as sending push notifications or working offline. Browsers and web apps, however, are becoming more advanced. Now, PWAs can leverage features similar to native apps.

ADVANTAGES OF NATIVE APPS

Web apps are relatively easy to maintain because they use a common code base across multiple mobile platforms.

Web apps can be built for all platforms as long as they can run in an appropriate web browser.

Compared to native apps, web apps are less expensive upfront.

DISADVANTAGES OF NATIVE APPS

Users interact with different web browsers and as a result, the usage patterns and performance metrics used to create a product roadmap are more difficult to collect.

Unless a web app marketed well, web apps have poor discoverability because they're not listed in the app store.

Web apps are slower and much less responsive than native apps.

FRAMEWORK SOLUTION

SUGGEST A VALUE-ADDED FEATURE FOR "TODONOTES"

When task are complete show complete bar

Add Reminder with time section

Alert or notify the message screen

divide a type of todo's separate card style

Add calendar future task will be fine

FRAMEWORK SOLUTION

**WHAT ARE THE CONSIDERATIONS DONE WHEN DECIDING A MOBILE
APPLICATION FRAMEWORK?**

HYBRID APPS ARE COST- AND TIME-EFFICIENT TO DEVELOP

You only need a small team to develop a hybrid app – there's no need to hire iOS or Android developers. This cuts down on overall cost.

Delivery time is also shorter because you have one developer and one version of the mobile app to develop. The program code is written only once with hybrid apps, and other versions for different platforms are developed compiling the original code.

Maintenance of the application is easy because a single code base allows easier and faster updates.

Updates and other fixes are only performed on a web server without user intervention compared to native applications where the user must manually update the application.

FRAMEWORK SOLUTION

The Uber Eats logo is displayed within a black rectangular box. The word "Uber" is in white, and the word "Eats" is in green.

FAVORITE MOBILE APPLICATION

Uber Eats

The food delivery service is the perfect way to satisfy your hunger. The million-dollar investment for creating an UberEats application led to the success of Uber in the food delivery service among its customers

The user has to register by providing their name, contact number, email, and password to log in to the application hassle-free. There is also another option for the customer to register using their social media account.

Users with step-by-step guidance can make their desired food order conveniently. The application is user-friendly, making the booking process easy and comfortable for the customers.

Users can select their preferred hotel from the wide range of restaurants available. Users are also provided with the picture, price, offers, description of the food to make the booking process accurate.

Once the customers make their preference, they can add food to the food cart, apply the offers and promo codes, and bid the order. An order summary is provided once the order is placed. The customers can confirm their order and further proceed with the payments.

Additionally, there is a feature called wish list to add the favorite food for future delivery by the customers.

FAVORITE MOBILE APPLICATION

Uber Eats

Push-Notifications

A user receives notifications about the estimated time of arrival, details of the driver, and further status of the order.

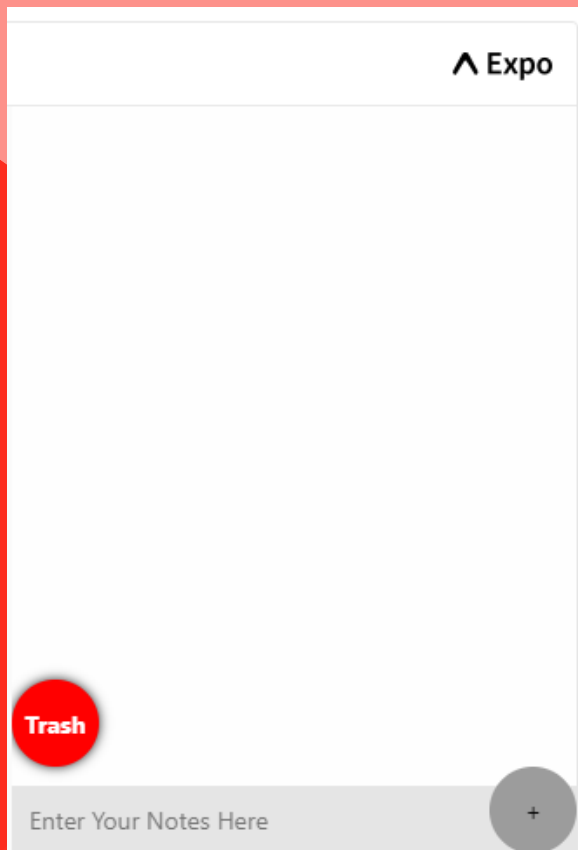
Live Tracking

The order can be tracked live with GPS feature enabled in the app. The driver can track the route of order delivery and estimated time of delivery and relieve anxious waiting.

Reviews And Ratings

Users can benefit from reading the reviews and ratings and make their preferences accordingly. Customers can also provide feedback about their food delivery.

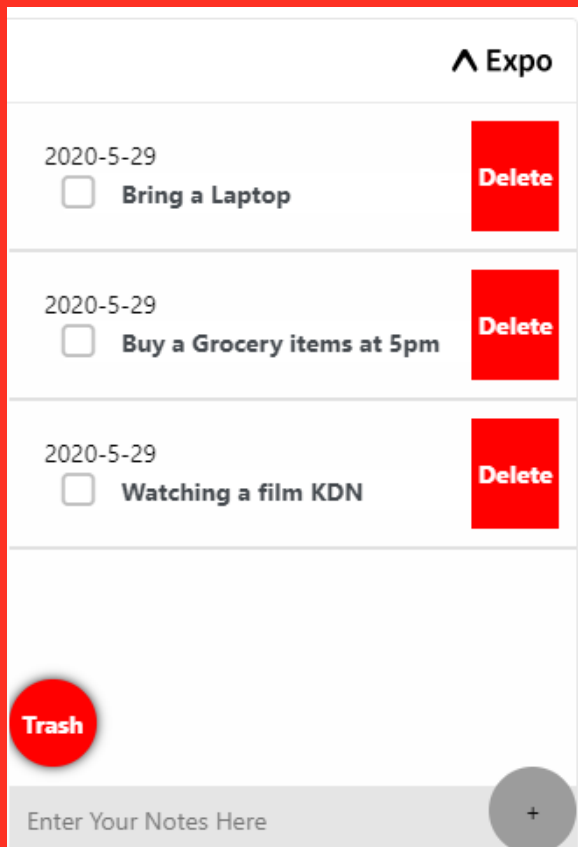
TODONOTES SCREENSHOTS



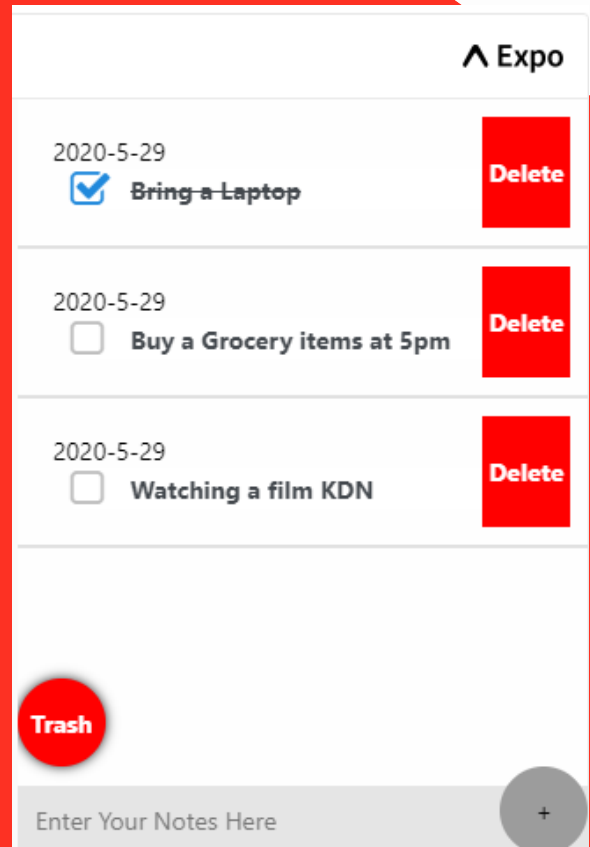
01



02



03



04

REFERENCE LINKS

<https://about.ubereats.com/en/>

[https://ionicframework.com/resources/articles/
what-is-hybrid-app-development](https://ionicframework.com/resources/articles/what-is-hybrid-app-development)

[https://www.netsolutions.com/insights/cross-
platform-app-frameworks-in-2019/](https://www.netsolutions.com/insights/cross-platform-app-frameworks-in-2019/)