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TRAVEL TO ESKİŞEHİR

1-Vision Statement

  Nowadays , people are constantly traveling and wanting to see the beauties where they go. Of course, when you go to a foreign place , you need a guide. Our program is aimed at removing this difficulty. We concentrated on Eskişehir, the city we live in this program. Users are promising they will leave no place to visit when they come to Eskişehir after this program. Since the application has an interactive feature, users will also be able to benefit from the experience of the people going here. Most importantly, they will determine where they want to go in a planned way and get rid of the waste of time. Application is not just planning places to visit. At the same time with the participation of other users also provide tips for city to users.

2-Major Features

 Our program has three major features.The first one is authentication.We provides this functionalty with firebase via firebase email-password authentication. Each user is given an auth id. The other feature is that users can click on the places to visit in that place and watch the related videos. In this place, cards were used and an easy environment for the users was provided.The third importan feature is messagging.User can create heading as forum . Users can discuss this topic by clicking on the title. We used firebase real time database for this feature.

3-Assumptions and Dependencies

3.1 Android Studio

 Android Studio IDE from Google allows developers to build apps running on mobile, desktop and other emerging technologies running on Android.

Android Studio is an <u>integrated development environment</u> (IDE) from Google that provides developers with tools needed to build applications for the Android OS platform. Android Studio is <u>available for download</u> on Windows, Mac and Linux. A one-time, $25 developer's license is required to publish apps to <u>Google Play App Store</u>. The foundation for Android Studio is based on <u>IntelliJ IDEA</u>.

3.2 Firebase

Store and sync data with our NoSQL cloud database. Data is synced across all clients in realtime, and remains available when your app goes offline.The Firebase Realtime Database is a cloud-hosted database. Data is stored as JSON and synchronized in realtime to every connected client. When you build cross-platform apps with our iOS, Android, and JavaScript SDKs, all of your clients share one Realtime Database instance and automatically receive updates with the newest data.

4-Operating Environment (what will be on Android device)

-The application will only be avaible for the android operating systems.

-Above Android 4.3 Jelly-Bean (min SDK).

-The application shall only be used with compatible android device..,