

Request for Proposal

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CECS 491A, Sec 07 122553,

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Hello Future Google Devs,

I am the CEO of The Map Guys. We are looking for a mobile map application capable of recommending restaurants for times when someone can't think of what to get. Additionally, we want the app to be able to find food in a specific area and on a specific route.

BUSINESS REQUIREMENTS:

1. Features that we will need
 - a. Account Management
 - i. API Authentication
 1. The user will need to authenticate APIs to access their information.
 - ii. Restaurant History
 1. The user will be able to see a list of restaurants they have visited
 - b. Price Category
 - i. The user will be able to set an estimated price range for the meal
 - c. Reviews
 - i. The user will be able to see the reviews for the randomized restaurants.
 - d. Closing and opening times
 - i. The application will give the user opening and closing time of different restaurants they may want to visit.

SOFTWARE REQUIREMENTS:

1. Mobile Application:

- a. The interface should scale for different sized phones and needs to work on both Android and IOS software
 - b. Our company is familiar with Google Flutter, so it should be used to implement the application
- 2. User interface
 - a. Dark mode or light mode compatible.
- 3. User Authentication
 - a. User Account registration and password.
 - b. Two-factor authentication via SMS or Authenticator app.
- 4. Reliability
 - a. Due to how we will guide users to specific destinations, the information will have to be pinpoint accurate at all times.

HARDWARE REQUIREMENTS:

- 1. Data Storage:
 - a. User information will be stored on Google Cloud
 - b. All other data will be stored on a server
- 2. Server:
 - a. A server capable of hosting Google Cloud SQL
- 3. Compatibility:
 - a. A consistent network connection

SUPPORT:

- 1. Maintenance: Ongoing maintenance and support to guarantee reliable service and performance.
- 2. Upgrades: Ongoing service to provide new features to optimize user experience

We need this software to be completed by the end of May 2023. These requirements are subject to change. If there are any questions or issues with the requirements, please let us know, so adjustments can be made to the requirements, or we can also provide clarification. We are expecting you to fulfill the technical details described above

Thank you,

John Smith

CSU, Long Beach