

Things Around Us

MINI PROJECT – I

SYNOPSIS



Department of Computer Science & Application

Institute of Engineering & Technology

SUBMITTED TO: -

Mr Mandeep singh
(Technical Trainer)

Mentor :

Mrs Ruchi talwar
(technical trainer)

Submitted By:

Amit kumar (201500079)

Pratham Panjwani(201500511)

Tushar Srivastava(201500747)

Saurav kumar singh (201500634)

Acknowledgement

It gives us a great sense of pleasure to present the synopsis of the B.Tech mini project undertaken during B.Tech III Year. This project is going to be an acknowledgement to the inspiration, drive and technical assistance will be contributed to it by many individuals. We owe special debt of gratitude to Mr. Mandeep Singh, Technical Trainer and Mrs. Ruchi Talwar ,Technical Trainer for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal and for his constant support and guidance to our work.

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the opportunity to acknowledge the contribution of all faculty members of the department for their kind guidance and co-operation.

Saurav kumar singh (201500634)

Pratham Panjwani (201500511)

Tushar Srivastava (201500747)

Amit kumar (201500079)

ABSTRACT

The study described in this research report focused on how to permits visitors to view a variety of things, including restaurants, hotels, and other establishments. It will be one of a kind in addition to being simple to use.

You won't have any trouble locating a restaurant or a store in the area, and both of these establishments are easily accessible. With the use of a specialised quick API, we are able to retrieve additional pieces of information. Another significant focus was on the dangers that could be posed to the network's safety.

Google Maps offers an API that allows maps to be embedded on third-party websites, and offers a locator for businesses and other organizations in numerous countries around the world.

In sum, I was able to apply my introductory knowledge of application programming interfaces (APIs) to a small-scale project in a topic that interested me. Although there were many challenging moments, it was ultimately satisfying to watch the project come together and the problems resolved one by one..

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INTRODUCTION

We live in an age where Google Maps can tell us which restaurant is closest to us and much more, but it's not without its flaws (such as a lack of precision and the potential for data leakage, among other things). so with the better features and advancement We developed an idea called "THINGS AROUND US" using geolocation, which allows users to see various things such as restaurants, hotels, and so on. It will be unique as well as user-friendly.

In the neighbourhood, you'll find a restaurant or a store that's not hard to find at all. We are able to retrieve more information with the assistance of a specialised fast API. Threats to the network's security were also a primary emphasis.

The retrieval of data from a restricted number of resources presented a challenge for us, but we were able to meet the challenge by utilising the RAPID API.

A person can also view a map that is precise and easy to understand. Using the Google Map API, you can accomplish this goal.

In summary, this project enabled me to turn my foundational understanding of APIs into a mini-project in a field I found intriguing.

Although it was at times incredibly difficult, it was so rewarding to see the project come together and solve each issue as it arose.

Technology used :

- HTML
- CSS
- JAVASCRIPT
- REACT Js
- FIREBASE
- API (RAPID API AND GOOGLE MAP API)

PROJECT DESCRIPTION

It is a website that, with the aid of geolocation, enables visitors to view a variety of items, such as restaurants, hotels, and so on in their immediate vicinity. It will be one of a kind in addition to being simple to use.

In addition, one can view a map that is not only accurate but also simple to decipher. You will be able to achieve this objective if you make use of the Google Map API.

WORKING and IMPLEMENTATION:

Firstly user has to sign in which will show in the interface of the webpage then user will find the search bar in the top right corner of the webpage where they can type and search for the nearest restaurants ,hotels

REFERENCES;

Books:

Html to React : The ultimate guide

Full stack

The road to react by robin wieruch

Websites:

- www.w3Schools.com
- www.javatpoint.com
- www.GeeksForGeeks.com

Faculty Guidelines:

We would like to thanks our mentor Mrs Ruchi Talwar who guides us during our project .

GitHub Repository link:

<https://github.com/Sauravsingh045/MiniProject>