ELLUMINATI INC

INTERNSHIP REPORT

Submitted by

Abhaykumar Patel
(Enroll no.: 200890131029)

In partial fulfillment of the award of the degree

BACHELOR OF ENGINEERING

In

Computer Science and Engineering
Shree Labhubhai Trivedi Institute of Engineering and Technology,
Rajkot

Gujrat Technological University, Ahmedabad

2023-24

ELLUMINATI
Mobile Application Development Company

Internship Certificate

This is to certify that **Mr. Abhaykumar Patel** has successfully completed his Training Program in **MEAN Stack Developer** at Elluminati from **1 January 2024 to 20 April 2024.**

Abhaykumar has completed all assigned tasks and projects to a high standard. He has also shown excellent problem-solving and analytical skills, which are essential for success in fields.

He has exhibited a proactive approach to learning and adapting to new technologies, showcasing proficiency in independent work as well as collaborative teamwork—qualities crucial for MEAN Stack Developer professionals. Furthermore, his exceptional communication skills make him well-suited for the demands of the technical profession.

We are proud to have Abhaykumar as a trainee at Elluminati and are confident that he will be a valuable asset to any organization in the field of MEAN Stack Developer .

Sincerely,
Elluminati Team.
Yash Deliwala
(Chief Human Resource Officer)

Shree Labhubhai Trivedi Institute of Engineering & Technology, Rajkot

Computer Science and Engineering Department
2023-24

CERTIFICATE

This is to Certify That Mr. **Abhaykumar Patel**, Enrollment No**. 200890131029** a student of Shri Labhubhai Trivedi Institute of Engineering & Technology studying in 8th semester in Department of Computer Science and Engineering has successfully completed 12-week Industrial training.

Internal Guide
(Prof. Ankit Koyani)

Head of the Department
(Prof. Prajakta D Sadaria)

ACKNOWLEDGEMENT

First, I would like to thank Mr. Yash Deliwala, HR, Head, of **Elluminati Inc** for giving me the opportunity to do an internship within the organization.

I also would like all the people that worked along with me **Elluminati Inc** with their patience and openness they created an enjoyable working environment.

It is indeed with a great sense of pleasure and immense sense of gratitude that I acknowledge the help of these individuals.

I would like to thank my Head of the Department **Pro. Prajakta Sadariya** for his constructive criticism throughout my internship.

I am extremely great full to my department staff members and friends who helped me in successful completion of this internship.

Abhaykumar Patel

(439082)

ABSTRACT

This internship report provides an overview of my experience and contributions during my internship focused on MEAN (MongoDB, Express.js, AngularJS, Node.js) stack development. The report begins with an introduction to the MEAN stack and its significance in modern web development. It outlines the objectives of the internship, including gaining practical experience in full-stack development, enhancing proficiency in JavaScript frameworks, and contributing to real-world projects.

Throughout the internship, I actively participated in various tasks, including database design and development using MongoDB, building server-side applications with Node.js and Express.js, and developing dynamic and responsive user interfaces with AngularJS. The report discusses the methodologies and tools utilized during the development process, highlighting challenges encountered and solutions implemented.

Organization Information:

Elluminati Inc embarked on its journey in the IT industry in 2012, venturing into freelancing online on platforms like many others. Over the years, it evolved from a solitary endeavor to a registered proprietary company, gradually expanding its scope and offerings. With each milestone, Elluminati demonstrated resilience and innovation, eventually establishing itself as a prominent player in the tech landscape. Today, it continues to push boundaries, introducing cutting-edge solutions such as Eber, EDelivery, EServices, Sphere, ESuper, and most recently, Enance—a testament to its commitment to revolutionize the digital realm.

Programs and opportunities:

- ✓ Elluminati Inc has continually embraced innovation, introducing a series of groundbreaking programs and seizing opportunities to expand its reach and impact:
- ✓ Eber (2015): Elluminati's debut product, Eber, revolutionized the taxi services industry with its cutting-edge technology and international appeal.
- ✓ EDelivery (2016-2017): The launch of EDelivery marked Elluminati's foray into global solutions, offering comprehensive delivery service solutions and securing partnerships with entities like the Ministry of Thailand.
- ✓ EServices (2017-2020): With EServices, Elluminati catered to a global clientele, delivering excellence to over 500 clients and solidifying its reputation as a premier provider of innovative solutions.
- ✓ Sphere (2020-2021): Sphere, a SaaS product designed for delivery service businesses, showcased Elluminati's commitment to adaptable solutions and flexible partnerships.
- ✓ ESuper (2021-2022): Elluminati expanded its offerings with ESuper, a multi-service

business platform, demonstrating its ability to evolve and meet diverse market demands.

- ✓ Enance (2023-present): The latest venture, Enance, marks Elluminati's entry into the crypto exchange realm, illustrating its agility and willingness to embrace emerging technologies and opportunities.

Methodologies:

We follow a structured methodology for our projects which starts from designing the solution to the implementation phase. Well planned Project reduces the time to deliver the project and any additional ad-hoc costs to our clients, hence we dedicate majority of our time to understand our client's business and gather requirements. This ground up approach helps us deliver not only the solution to our clients but also add value to your investments.

Key parts of the report:

Internship, MEAN Stack, MongoDB, Express.js, AngularJS, Node.js, Full-Stack Development, Web Development.

Benefits of the Company/Institution through our report:

Under each division we further provide specific industry solution on focused domains with cutting edge technologies. We emphasize on building relationships with our clients by deliveringprojects on time and within budget.

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1. INTERNSHIP OBJECTIVES

- ✓ Internships are generally thought of to be reserved for college students looking to gain experience in a particular field. However, a wide array of people can benefit from Training Internships in order to receive real world experience and develop their skills.

- ✓ An objective for this position should emphasize the skills you already possess in the area and your interest in learning more.

- ✓ Internships are utilized in several different career fields, including architecture, engineering, healthcare, economics, advertising and many more.

- ✓ Some internships are used to allow individuals to perform scientific research while others are specifically designed to allow people to gain first-hand experience working.

- ✓ Utilizing internships is a great way to build your resume and develop skills that can be emphasized in your resume for future jobs. When you are applying for a Training Internship, make sure to highlight any special skills or talents that can make you stand apart from the rest of the applicants so that you have an improved chance of landing the position.

2. INTRODUCTION

2.1 Company Introduction

Elluminati Inc embarked on its journey in the IT industry in 2012, venturing into freelancing online on platforms like many others. Over the years, it evolved from a solitary endeavor to a registered proprietary company, gradually expanding its scope and offerings. With each milestone, Elluminati demonstrated resilience and innovation, eventually establishing itself as a prominent player in the tech landscape. Today, it continues to push boundaries, introducing cutting-edge solutions such as Eber, EDelivery, EServices, Sphere, ESuper, and most recently, Enance—a testament to its commitment to revolutionize the digital realm.

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2.2 Internship Program

MEAN Stack: It is a popular development stack used for building dynamic web applications. It's an acronym that stands for -

- MongoDB: A NoSQL database that stores data in JSON-like documents, offering flexibility and scalability.
- Express.js: A minimalist web framework for Node.js that simplifies the process of building web applications and APIs.
- AngularJS (or Angular): A front-end JavaScript framework for building single-page client applications with a focus on efficiency and scalability.
- Node.js: A server-side JavaScript runtime environment that allows developers to build scalable and high-performance applications.

3. **INTRODUCTION OF DIFFERENT DEPARTMENTS**

3.1 MEAN Stack:

The MEAN stack represents a comprehensive and powerful set of technologies for web development, revolutionizing the way dynamic web applications are built. Standing for MongoDB, Express.js, AngularJS (or Angular), and Node.js, this stack embodies a full-stack JavaScript framework, enabling developers to seamlessly transition from server-side to client-side development within a unified environment. MongoDB, a NoSQL database, offers flexibility and scalability by storing data in JSON-like documents. Express.js, a minimalist web framework for Node.js, simplifies the process of building robust web applications and APIs. AngularJS (or Angular), a front-end JavaScript framework, empowers developers to create highly responsive single-page client applications with efficiency and scalability at the forefront. Node.js, as the server-side JavaScript runtime environment, facilitates the creation of scalable and high-performance applications. Together, these technologies form a cohesive ecosystem that streamlines the development process, accelerates time-to-market, and enables the creation of cutting-edge web solutions capable of meeting the demands of modern digital landscapes.

3.2 IOS:

iOS development represents a sophisticated ecosystem for crafting powerful and user-friendly mobile applications exclusively for Apple devices. Leveraging Swift or Objective-C programming languages, developers delve into Xcode, Apple's integrated development environment (IDE), to create iOS applications. The iOS platform offers a range of features and frameworks, including UIKit for building intuitive user interfaces, Core Data for managing application data, and Core Animation for crafting captivating visual experiences. With access to robust tools like Cocoa Touch and SwiftUI, developers can seamlessly integrate native functionalities such as touch gestures, camera access, and location services into their applications.

3.2 Android:

Android development encapsulates the process of creating versatile and feature-rich mobile applications for the Android operating system, which powers a wide array of smartphones, tablets, and other devices. Utilizing Java or Kotlin as the primary programming languages, developers employ Android Studio, Google's official IDE, to build robust applications. The Android platform offers an extensive set of tools and APIs, including the Android SDK, which provides access to essential functionalities such as user interface design, data storage, and device hardware integration. With frameworks like Android Jetpack and Google Play services, developers can streamline development workflows and enhance app performance.

4. PROCESSES OBSERVED

During my internship at Elluminati Inc, a leading software development company specializing in MEAN stack, iOS, and Android technologies, I had the opportunity to observe the various processes critical to the development lifecycle. Here are some key processes you'll observe and participate in:

i. Project Planning and Management: Gain insights into how projects are initiated, scoped, and planned. Learn about Agile methodologies such as Scrum or Kanban, and understand how tasks are organized, assigned, and tracked throughout the development cycle.

ii. Requirement Gathering and Analysis: Observe how client requirements are gathered, documented, and analyzed to ensure a clear understanding of project objectives. Participate in requirements workshops, user interviews, and feedback sessions to contribute insights and refine project goals.

iii. Design and Architecture: Explore the principles of software design and architecture, including system design, database schema design, and user interface (UI) design. Learn how to translate requirements into technical solutions while adhering to best practices and design patterns.

iv. Development and Coding: Dive into the coding process using MEAN stack for web development, Swift or Objective-C for iOS, and Java or Kotlin for Android. Work alongside experienced developers to write clean, efficient, and maintainable code, and gain exposure to version control systems like Git.

v. Testing and Quality Assurance: Understand the importance of testing in software development, including unit testing, integration testing, and user acceptance testing. Learn how to write test cases, perform manual and automated testing, and ensure the quality and reliability of software products.

vi. Deployment and DevOps: Witness the deployment process, including build automation, continuous integration (CI), and continuous delivery (CD). Gain insights into DevOps practices such as infrastructure as code (IaC), containerization, and cloud deployment, and learn how to deploy applications to various platforms.

vii. Documentation and Knowledge Sharing: Participate in documenting project specifications, technical documentation, and user manuals. Explore knowledge sharing platforms and tools used for collaboration within the development team and contribute to the company's knowledge base.

5. INSPECTION AND QUALITY CONTROL

Inspection Process: As an intern at the company, I've learned that the inspection process plays a crucial role in ensuring the quality and integrity of our project deliverables. Various tools and methods are employed during inspections to identify and rectify defects and deviations. For instance, we utilize:

- **Code Reviews**: Conducted using tools like GitHub, Bitbucket, or GitLab, where team members review each other's code to identify bugs, coding standards violations, and potential improvements.
- **Design Walkthroughs:** Utilizing platforms like Figma or Adobe XD, where designers and developers collaborate to review UI/UX designs and ensure they align with project requirements and usability standards.
- **Requirement Inspections:** Using tools such as JIRA or Trello, where project requirements are meticulously reviewed and validated against stakeholder expectations, ensuring clarity and alignment before development begins.

These inspection activities enable us to detect issues early in the development process, fostering a culture of quality and continuous improvement within our project teams.

Quality Control Process: In my role as an intern, I've gained insights into the quality control process, which involves ongoing monitoring and verification of project activities and outputs. Several tools and techniques are utilized to ensure that project deliverables meet predefined quality standards:

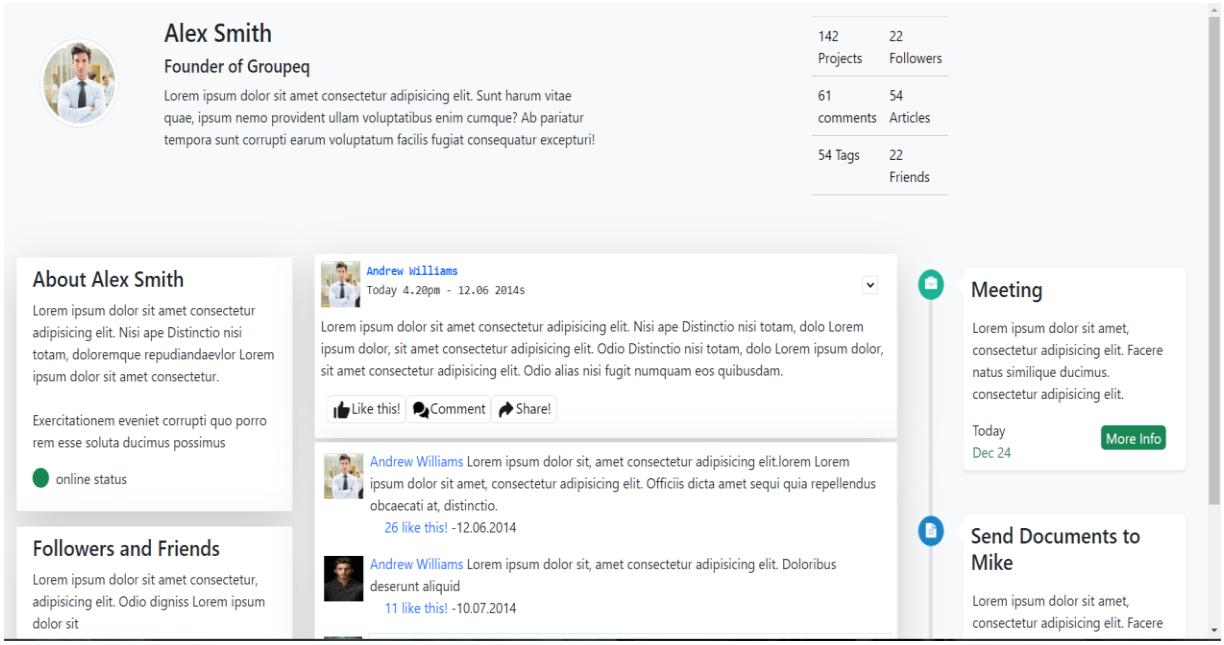
- **Automated Testing Tools:** Such as Selenium for web applications or XCTest for iOS development, which automate the execution of test cases to validate functionality, performance, and reliability.
- **Static Code Analysis Tools:** Like SonarQube or ESLint, which analyze source code for potential defects, vulnerabilities, and adherence to coding standards, helping maintain code quality and consistency.
- **Continuous Integration (CI) Platforms:** Such as Jenkins or CircleCI, which automate the build, test, and deployment processes, ensuring that code changes are regularly integrated and validated, minimizing integration issues and accelerating feedback loops.

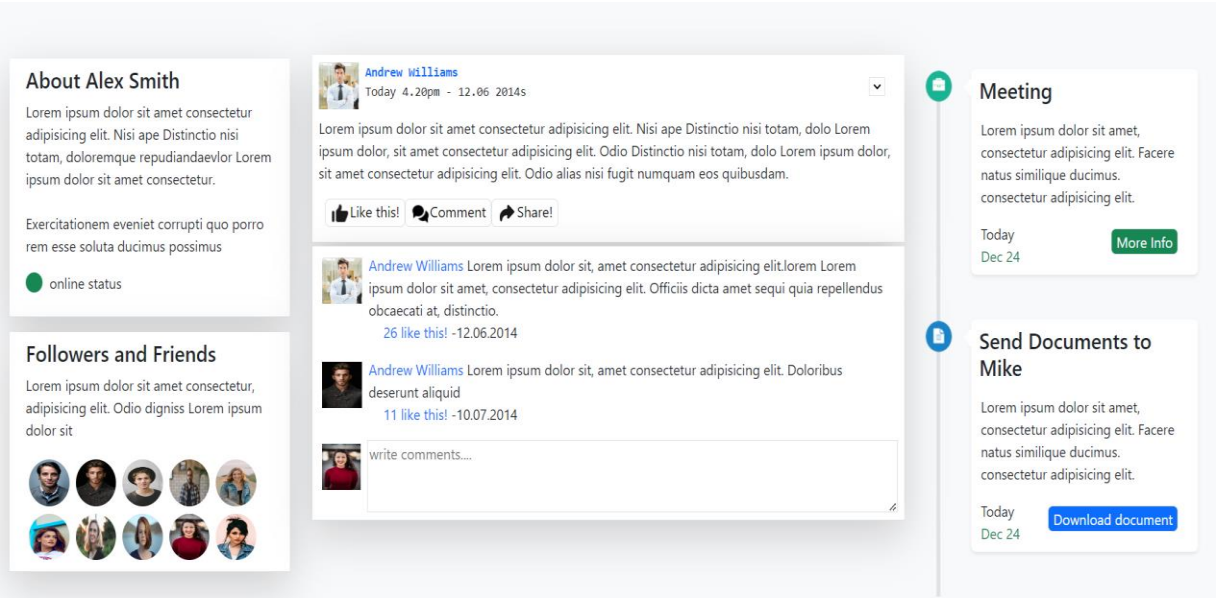
Through active participation in quality control activities and the use of these tools, I've witnessed firsthand how our team strives to deliver high-quality software products that meet or exceed customer expectations, ultimately contributing to the success of our projects.

6. TASKS

6.1 Task 1: The task involves creating two designs based on a given slide design. The first design should be implemented using only HTML and CSS, without the use of Bootstrap. The second design should incorporate HTML, CSS, and Bootstrap. Both designs should be responsive.

- ✓ Design Implementation using HTML and CSS (without Bootstrap):
  - ➢ For this part of the task, you'll create a design mirroring the given slide design using only HTML and CSS. The layout, styling, and responsiveness should be achieved without relying on Bootstrap or any other CSS framework.
- ✓ Design Implementation using HTML, CSS, and Bootstrap:
  - ➢ In the second part of the task, you'll create another design based on the same slide design, but this time incorporating HTML, CSS, and Bootstrap. Bootstrap components and utilities can be used to streamline the layout and styling process, ensuring responsiveness across different devices.




About Alex Smith
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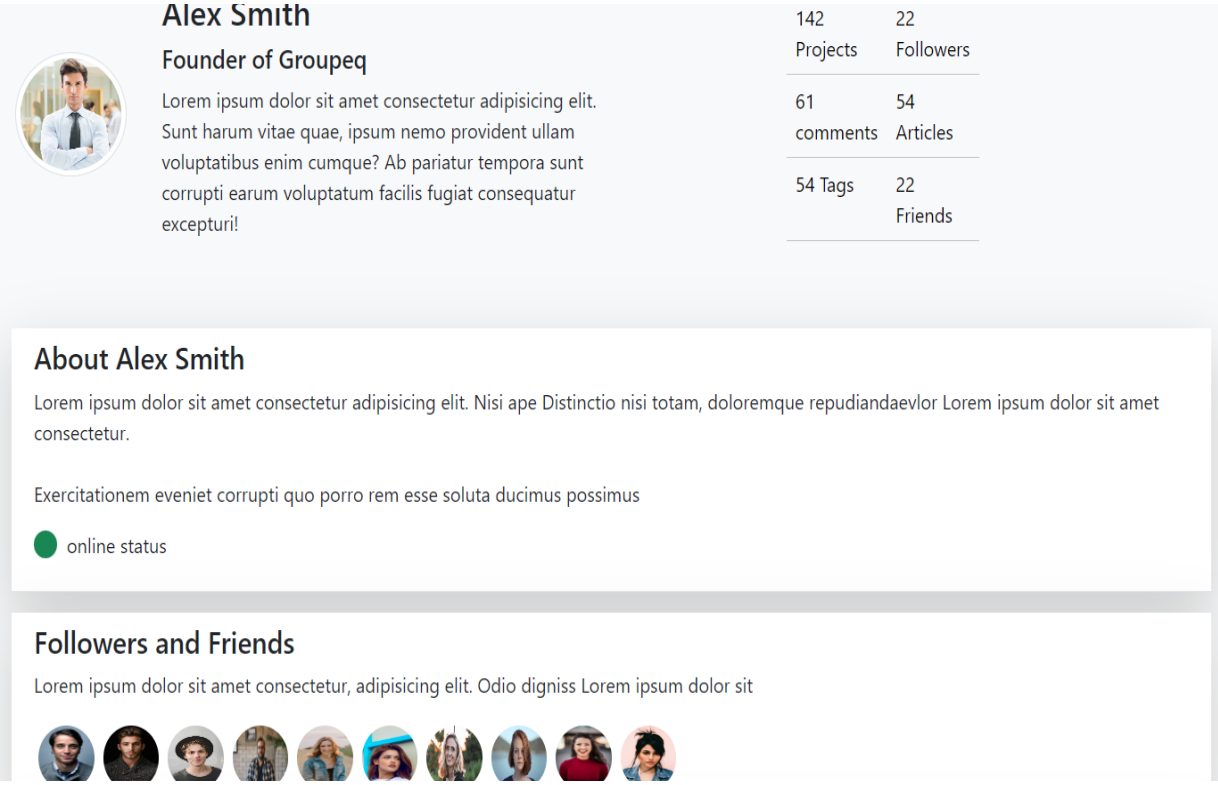
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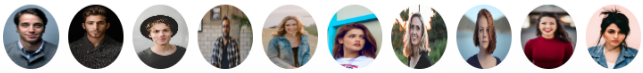

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Meeting

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Today
Dec 24

More Info

Send Documents to Mike

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Today
Dec 24

Download document

6.2 Task 2: Nodejs

Task Description:

1) Add User Details:
    a) Implement a form submission feature that collects the following user details: username, user Profile, email, and phone number.
    b) Validate the form inputs to ensure accuracy and completeness before submission.
    c) Store all user details securely in a database upon successful form submission.

2) Display User List:
    a) Create a table format to display the complete list of added users.
    b) Ensure that the user list dynamically updates to reflect any changes, additions, edits, or deletions without refreshing the page, utilizing AJAX.

3) Edit and Delete User Records:
    a) Provide Edit and Delete buttons alongside each user record in the table.
    b) Implement functionality to edit or delete specific user information without page refresh, utilizing AJAX for seamless user experience.

4) Validation Rules:
    a) Implement validation rules to prevent users from entering duplicate email or phone number entries.
    b) Perform validation checks on the server-side to ensure data integrity and consistency.

5) Search Functionality:
    a) Enable users to search for user details using various criteria such as ID, name, phone number, or email.
    b) Implement pagination logic on the server-side to manage large datasets efficiently and enhance user experience.

Home:

Add New User

User List

oggy

Search

User Profile	Username	Email	Phone	Action
	oggy	oggy123@gmail.com	1234567891	Edit Delete
	jack	jack@gmail.com	1234567893	Edit Delete
	sinzo	sinzo@gmail.com	1234567892	Edit Delete
	oggy	oggy12@gmail.com	1234567894	Edit Delete
	ninja hathodi	ninjahathodi@gmail.com	1234567895	Edit Delete

1 2

Add User:

Add New User

User Form

Username:

enter your username

Email:

enter email address

Phone Number:

enter phone number

User Profile:

Choose File No file chosen

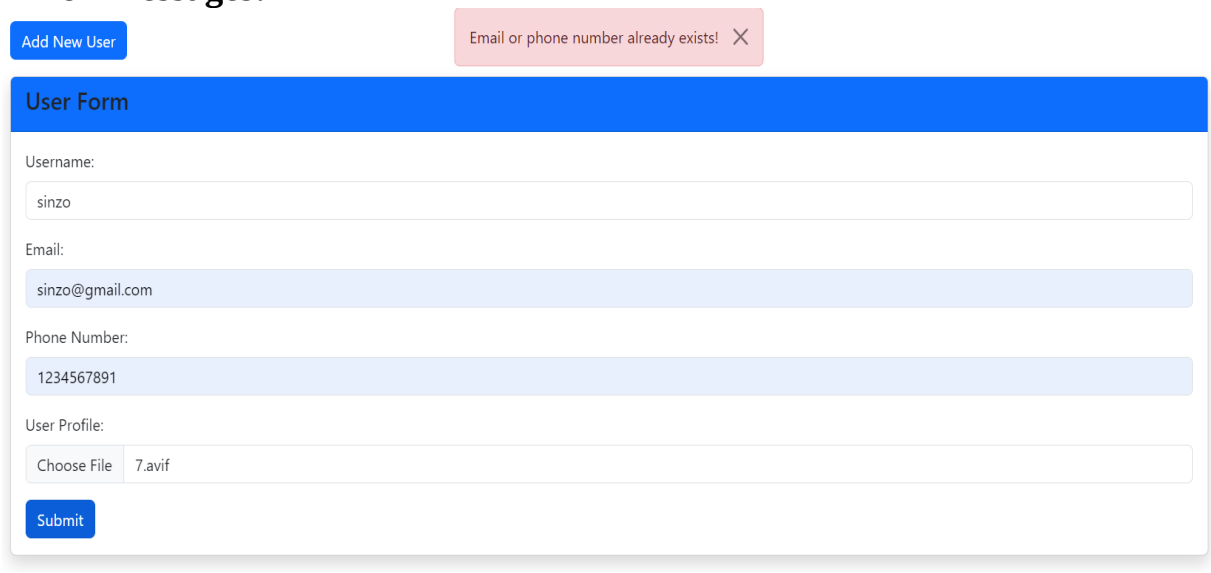
Submit

User List

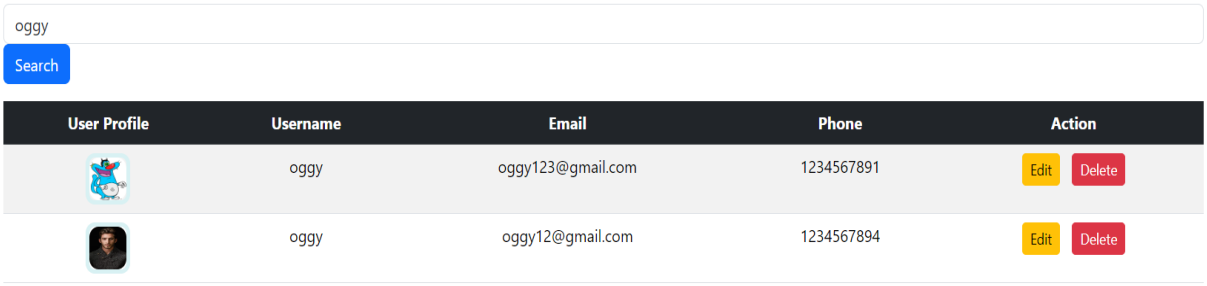
oggy

Search

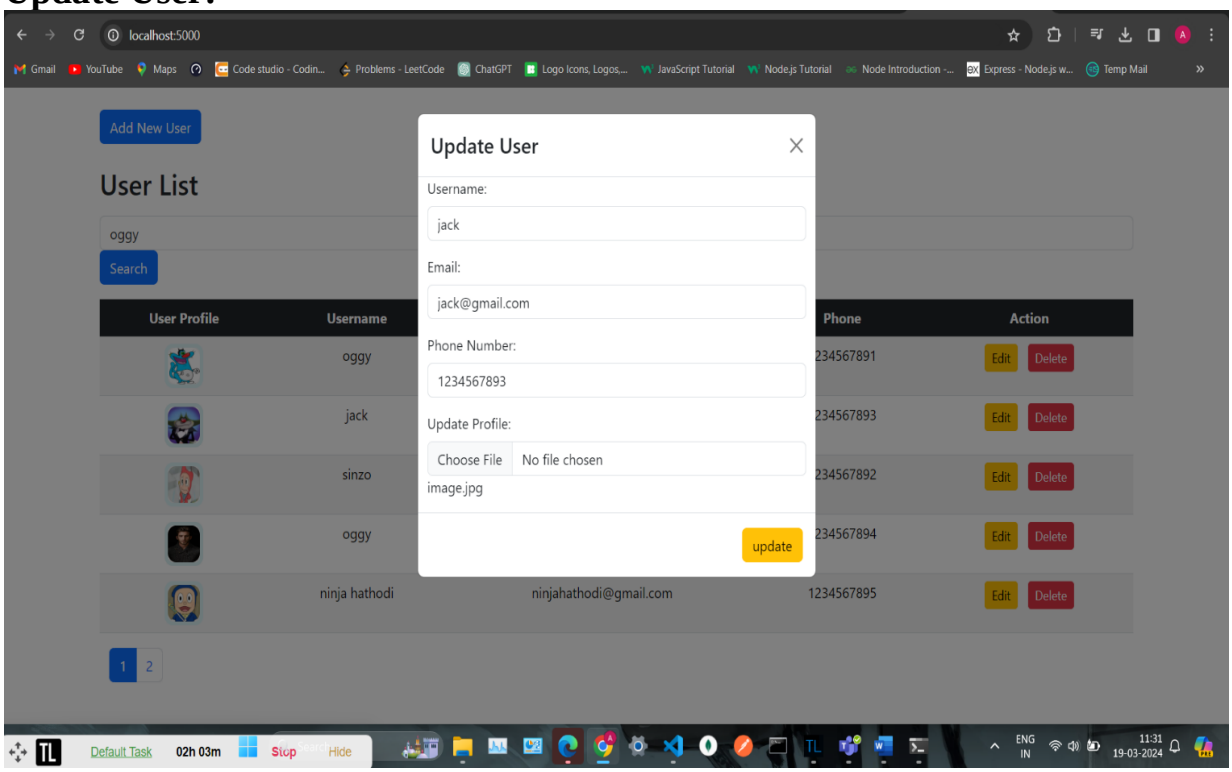
Error Messages:

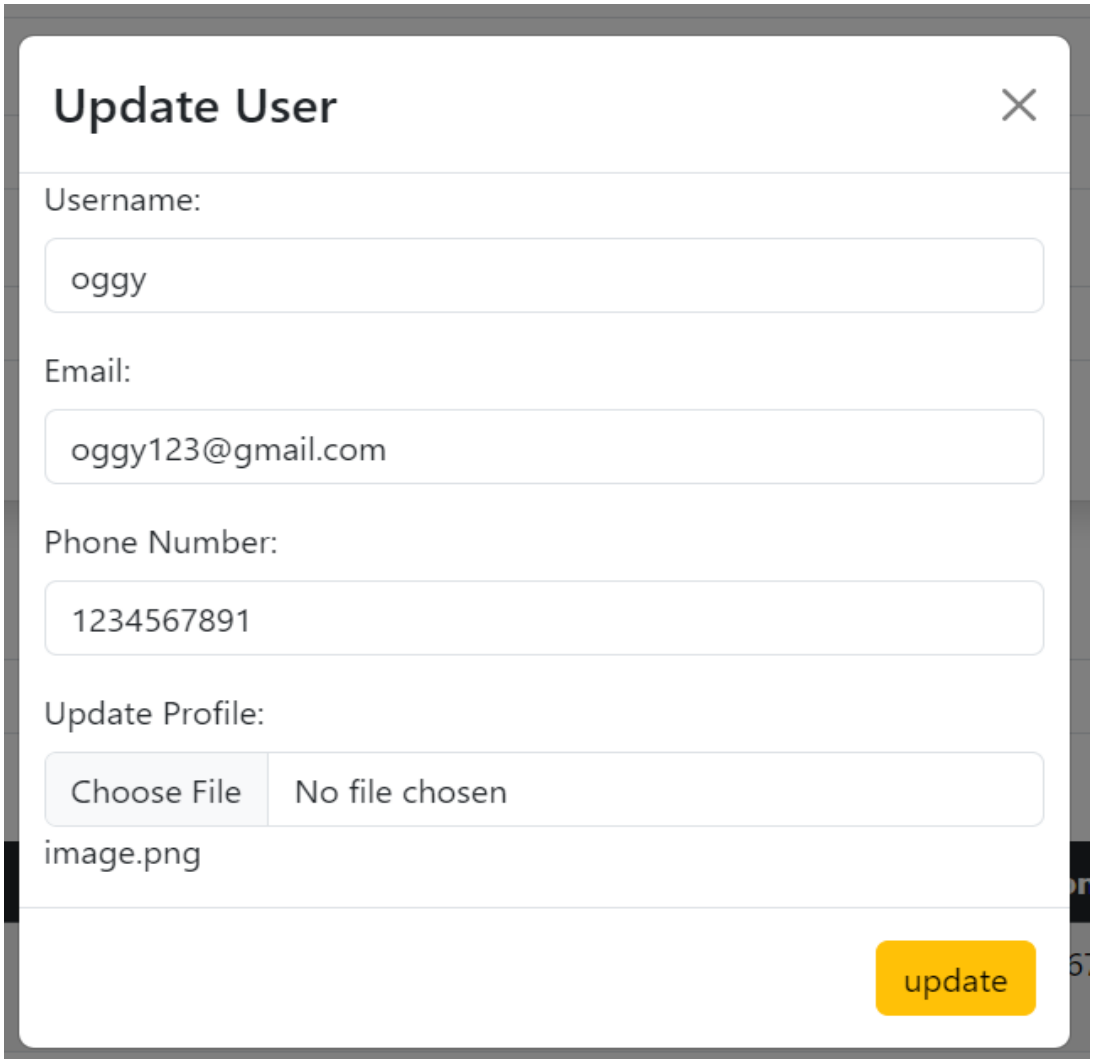


Search:



Update User:

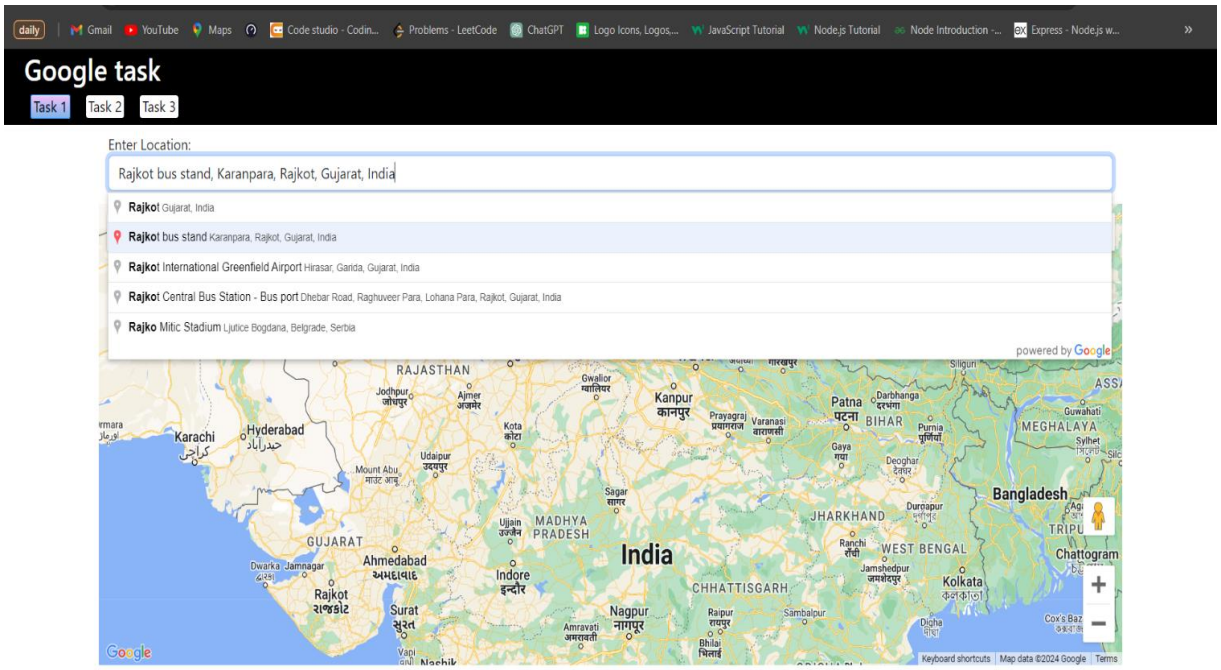


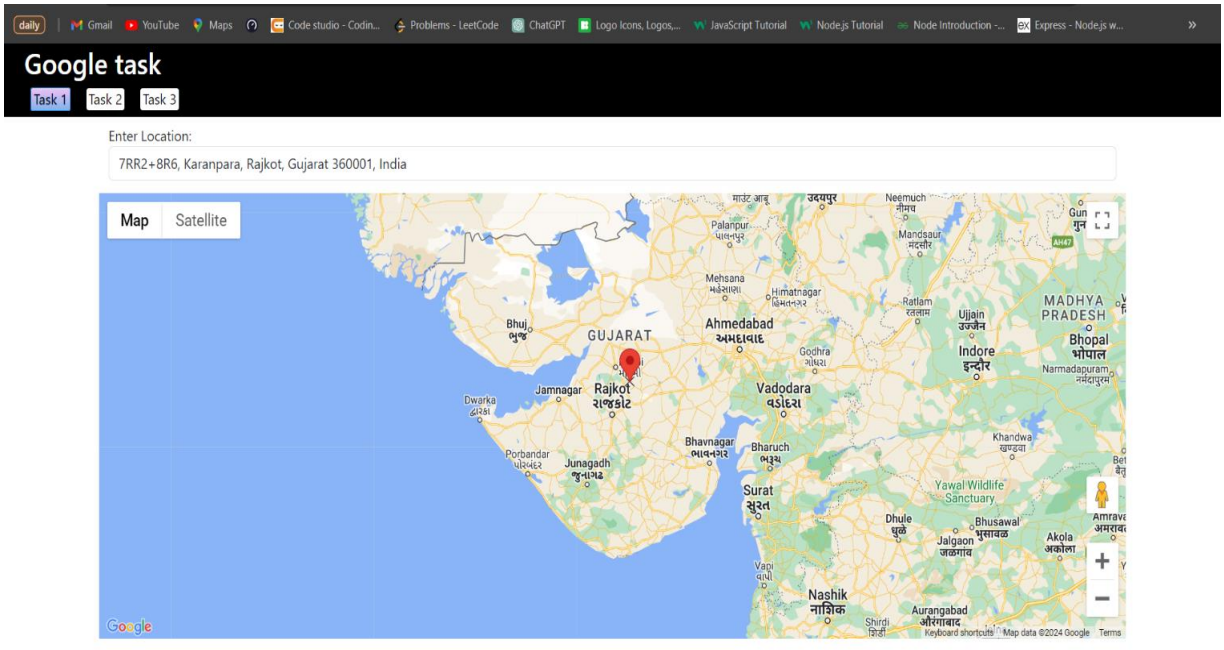

Update User
Username:
oggy
Email:
oggy123@gmail.com
Phone Number:
1234567891
Update Profile:
Choose File
No file chosen
image.png
update

6.3 Task 3: Google API tasks

Task 3.1:- LOCATION SEARCH

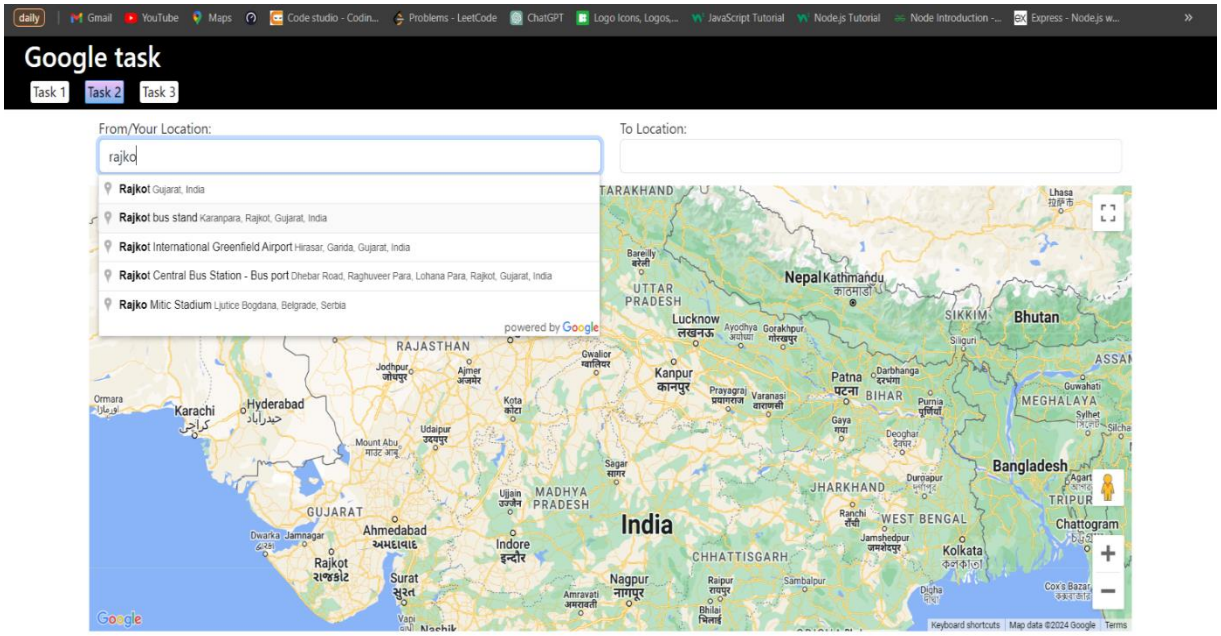
1. Show current location in map on page load.
2. Show suggestion for places using google API when user type in textbox.
3. Show selected location in map through pin.
4. User can move pin in map, change address in map accordingly.

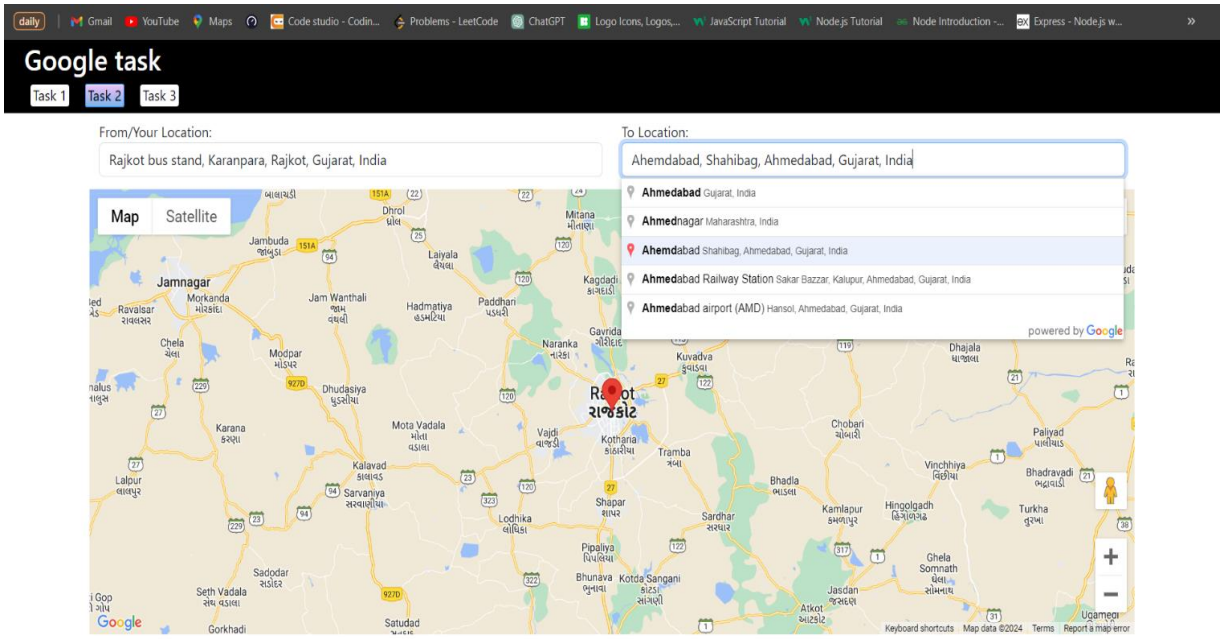


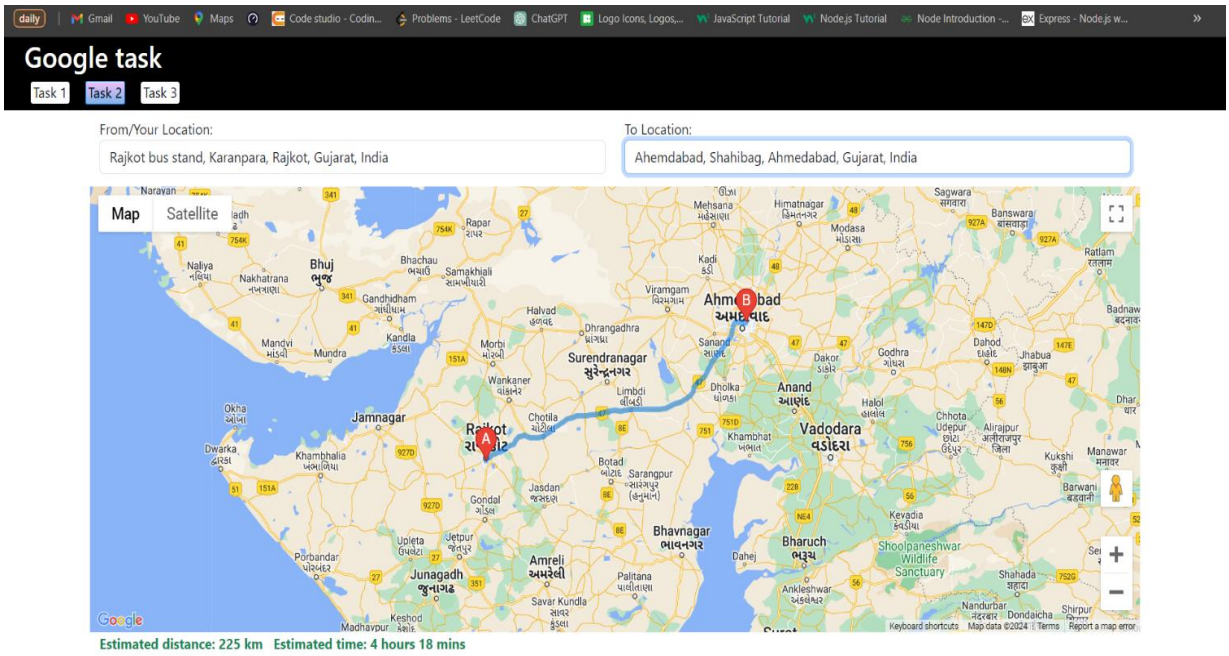


6.3 Task 3.2:- ESTIMATED TIME & DISTANCE

1. Enter from location using google suggestion.
2. Enter to location using google suggestion.
3. Show both source and destination pin in map when selected from suggestion.
4. Once both selected, show estimated distance and time between both to travel.
5. Draw path between pickup and drop off based on Google's suggested path.



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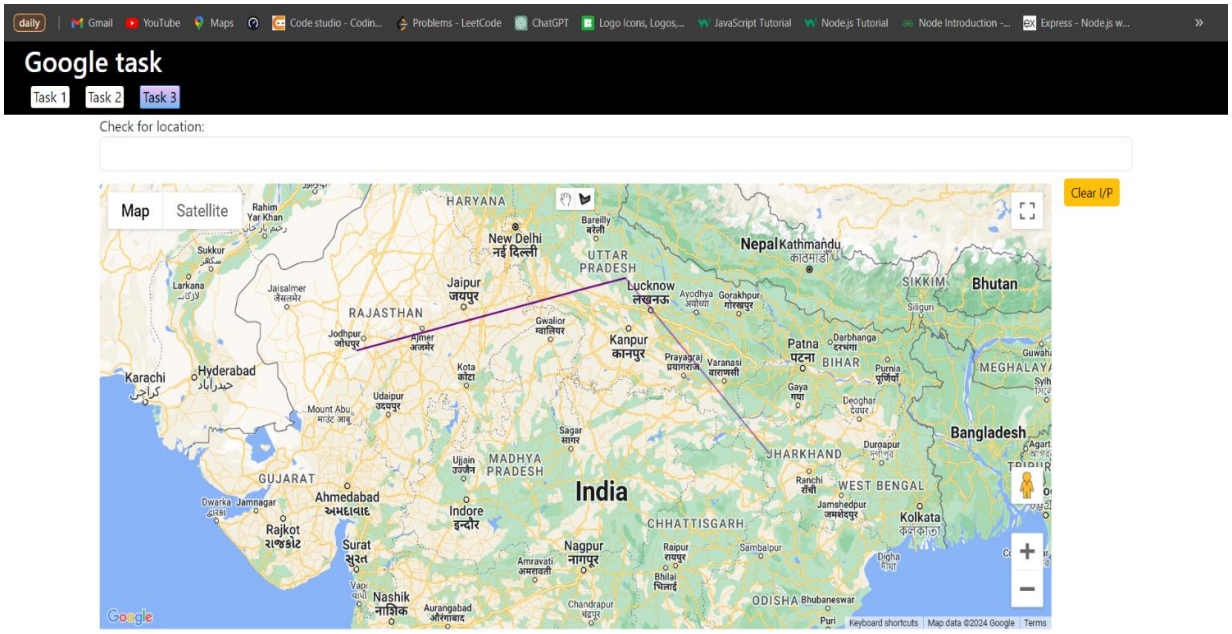
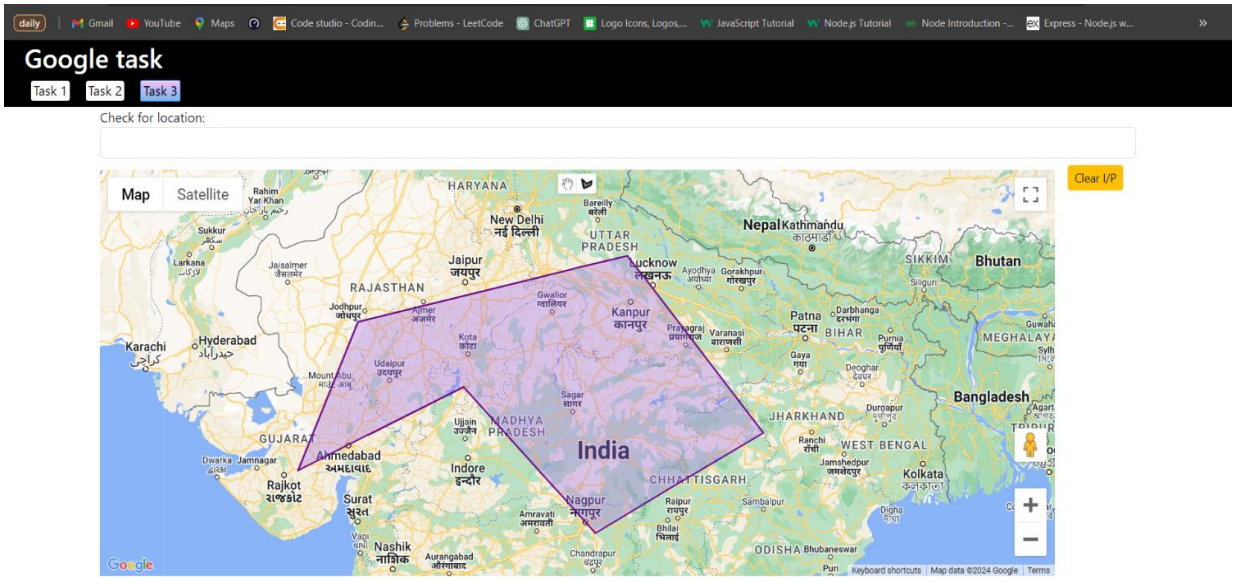
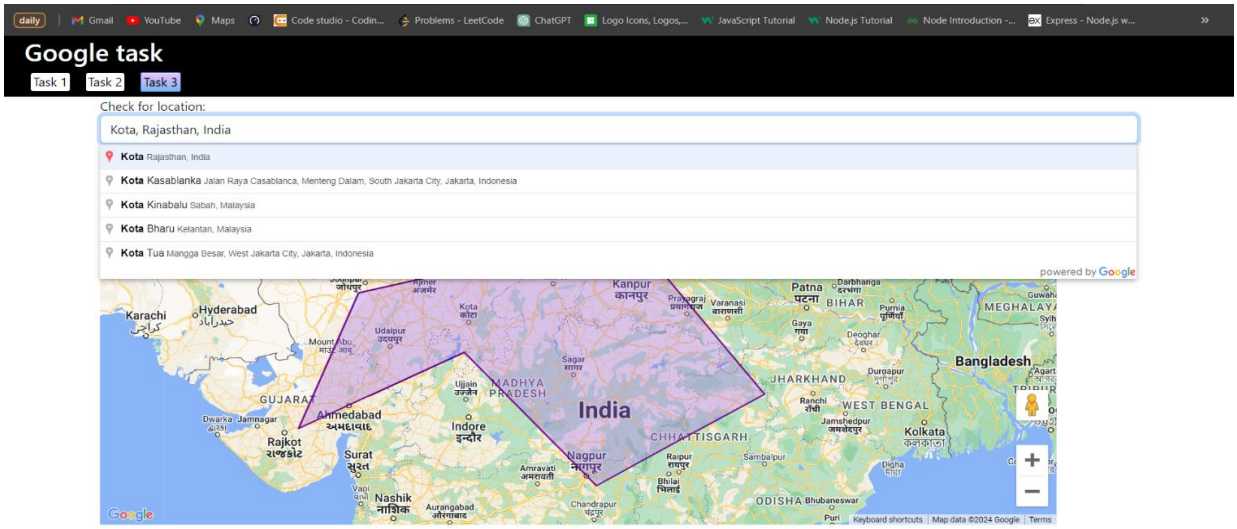
Code studio - Codin...
Problems - LeetCode
ChatGPT
Logo Icons, Logos,...
JavaScript Tutorial
Node.js Tutorial
Node Introduction -...
Express - Node.js w...
Google task
Task 1
Task 2
Task 3
From/Your Location:
Rajkot bus stand, Karanpara, Rajkot, Gujarat, India
To Location:
Ahemdabad, Shahibag, Ahmedabad, Gujarat, India
Map
Satellite
Jamnagar
Rajkot
Surendranagar
Vadodara
Bhavnagar
Junagadh
Amreli
Bharuch
Anand
Dwarka
Porbandar
Bhuj
Google
Keyboard shortcuts
Map data ©2024
Terms
Report a map error
Estimated distance: 225 km
Estimated time: 4 hours 18 mins

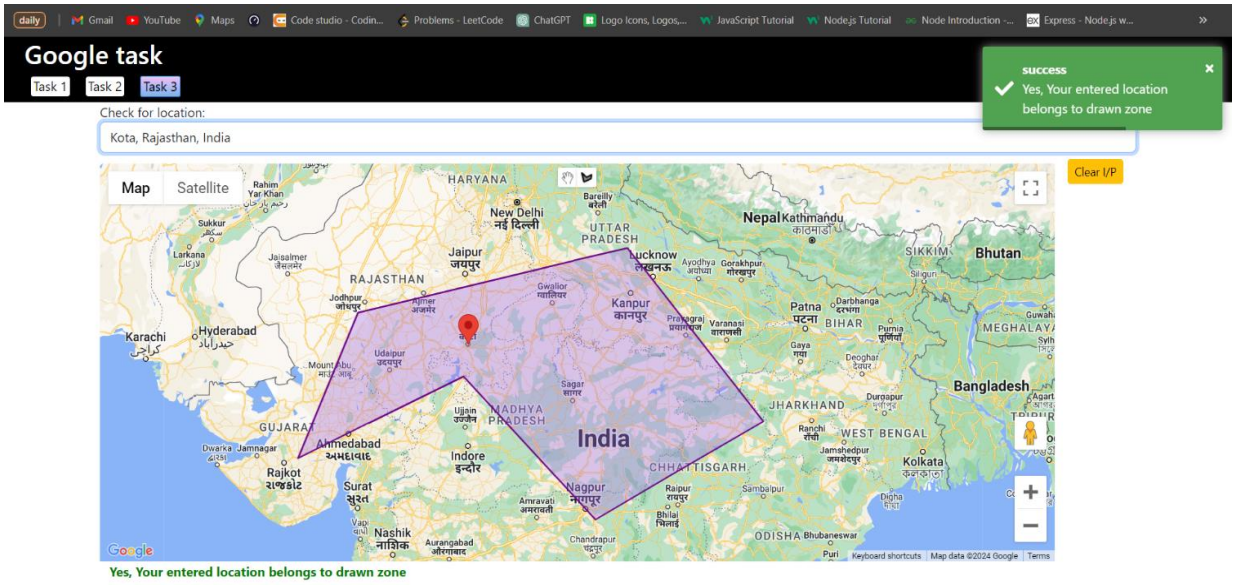
6.3 Task 3.3:- ZONE

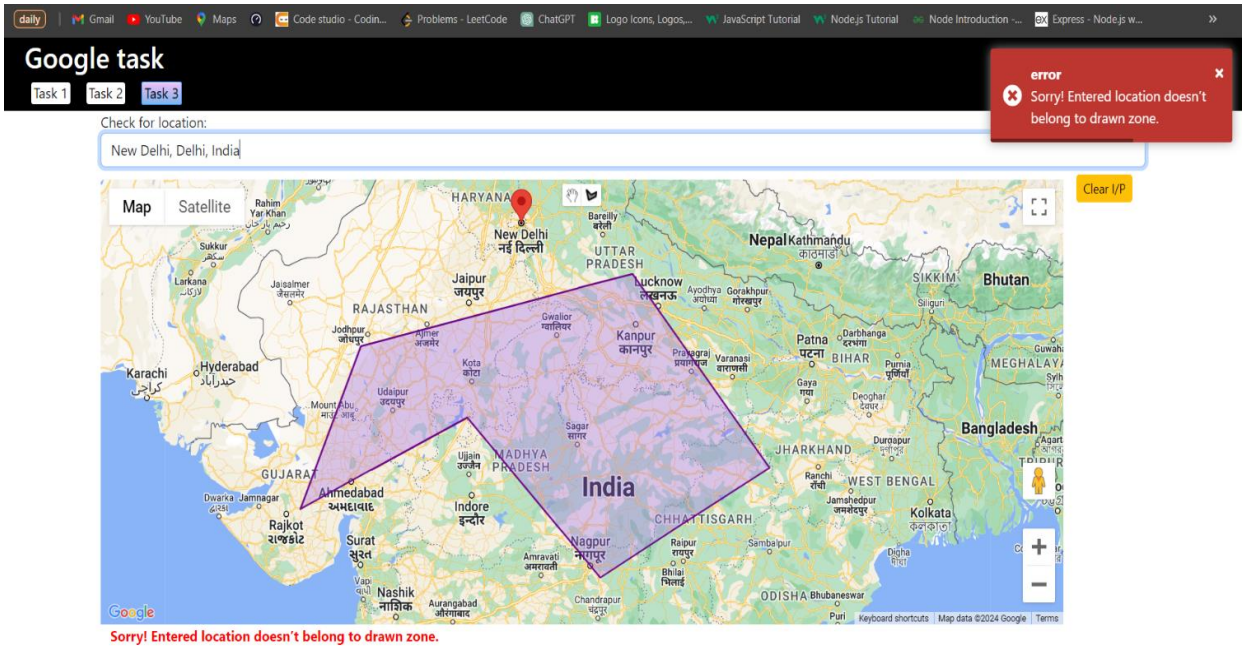
1. Draw polygon (we call it zone in our Eber product) using drawing library in google map.
2. Enter one location from textbox
3. Result should return if that selected location falls under drawn polygon
4. If it belong, show green message (Yes, Your entered location belongs to drawn zone.)
5. If it doesn't belong, show red message (Sorry! Entered location doesn't belong to drawn zone.)






Google task
Task 1
Task 2
Task 3
Check for location:
Kota, Rajasthan, India
Kota Rajasthan, India
Kota Kasablanka Jalan Raya Casablanca, Menteng Dalam, South Jakarta City, Jakarta, Indonesia
Kota Kinabalu Sabah, Malaysia
Kota Bharu Kelantan, Malaysia
Kota Tua Mangga Besar, West Jakarta City, Jakarta, Indonesia
powered by Google
India
Bangladesh
Karachi
Hyderabad
GUJARAT
Ahmedabad
Rajkot
Surat
Nashik
Indore
MADHYA PRADESH
Nagpur
CHHATTISGARH
JHARKHAND
WEST BENGAL
Kolkata
ODISHA
Patna
BIHAR
Kanpur
Keyboard shortcuts
Map data ©2024 Google
Terms


Google task
Task 1
Task 2
Task 3
success
Yes, Your entered location belongs to drawn zone
Check for location:
Kota, Rajasthan, India
Clear I/P
Map
Satellite
India
Bangladesh
Nepal
Kathmandu
Bhutan
HARYANA
New Delhi
UTTAR PRADESH
Lucknow
RAJASTHAN
Jaipur
Kanpur
Karachi
Hyderabad
GUJARAT
Ahmedabad
Rajkot
Surat
Nashik
Indore
MADHYA PRADESH
Nagpur
CHHATTISGARH
JHARKHAND
WEST BENGAL
Kolkata
ODISHA
Patna
BIHAR
Keyboard shortcuts
Map data ©2024 Google
Terms
Yes, Your entered location belongs to drawn zone


daily
Gmail
YouTube
Maps
Code studio - Codin...
Problems - LeetCode
ChatGPT
Logo Icons, Logos,...
JavaScript Tutorial
Node.js Tutorial
Node Introduction -...
Express - Node.js w...
Google task
Task 1
Task 2
Task 3
error
Sorry! Entered location doesn't belong to drawn zone.
Check for location:
New Delhi, Delhi, India
Clear I/P
Map
Satellite
India
Sorry! Entered location doesn't belong to drawn zone.

7. CONCLUSION

In conclusion, my internship journey in MEAN stack development has been nothing short of transformative. Throughout this experience, I've not only deepened my technical expertise but also cultivated invaluable skills in collaboration, problem-solving, and adaptability. By immersing myself in the intricacies of MongoDB, Express.js, AngularJS, and Node.js, I've gained a holistic understanding of full-stack web development, from database management to server-side logic and client-side interactions.

Moreover, this internship has reinforced the importance of continuous learning and staying abreast of emerging technologies in the ever-evolving landscape of web development. I've embraced challenges as opportunities for growth, leveraging each obstacle as a chance to refine my craft and
expand my capabilities.

8. BIBLOGRAPHY

- During my internship in MEAN stack development, I was immersed in a dynamic learning environment where I honed my skills in full-stack web development. One of the fundamental aspects of my internship was gaining practical experience with MongoDB, a NoSQL database used for storing and managing data. Through hands-on exercises and projects, I learned how to design and implement efficient database schemas, perform CRUD operations, and leverage MongoDB's features for scalability and performance optimization.

- MongoDB Documentation. (n.d.). MongoDB Manual. [Online]. Available: https://docs.mongodb.com/manual/

- Express.js Documentation. (n.d.). Express.js API Reference. [Online]. Available: https://expressjs.com/en/4x/api.html

- AngularJS Documentation. (n.d.). AngularJS Developer Guide. [Online]. Available: https://docs.angularjs.org/guide

- Node.js Documentation. (n.d.). Node.js API Documentation. [Online]. Available: https://nodejs.org/dist/latest-v16.x/docs/api/