INSTITUTE FOR

ADVANCED COMPUTING

AND SOFTWARE

DEVELOPMENT AKURDI,

PUNE

Documentation On
"**FEEDROAD**"

PG-DAC SEPT 2022

Submitted By:
Group No: 113

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1. INTRODUCTION

Introduction:

The FeedRoad is for the Business Owners/Product Managers providing the complete solution for registered users (Members) through single gateway using internet that will help them to create, send and collect customer opinions about their Product/Company/Services over Emails.

Problem Statement:

Feedback is the information, insights, issues, and inputs shared by our community about their experiences with any company, product, or services. This feedback collection application guides the owners about improvement of the customer experiences and can empower positive change in any business.

Aim and Objective:

The main purpose of this system, is to enhance the market value of the Product/Services through which Customer Engagement can be enhanced and Customer Satisfaction can be achieved which will help the Product Managers/Start Up Owners to repositioned their products as per the market needs.

Our Feedback Collection Application has, following objectives:

- Simple database is maintained
- Easy operations for the creation of multiple campaigns
- User interfaces are user accommodating and attractive; it takes very less time for the member to use the system
- The overall aim is to design an application which allow members to create multiple campaigns, send and collect feedbacks from the prospective clients which then that will be used to improve the quality of the product.

2.OVERALL DESCRIPTION.

Proposed Methodology:

FeedRoad is one of the best tools for gathering valuable feedback from customers, understanding user preferences, creating survey campaigns, boosting customer engagement and retention, and getting in-depth usage insights about Product/Company/Services.

Members would able to create, send and collect mass Email surveys from their customers.

Firstly, User signs up via Google OAuth then User pays for email credits via stripe then User creates a new 'campaign' then User enters list of emails to send survey to then We send email to list of surveyees then Surveyees click on link in email to provide feedback then We tabulate feedback then finally User can see report of all survey responses.

Operating Environment:

Server Side:

Processor: Intel® i5 processor series and above

HDD: Minimum 500GB Disk Space

RAM: Minimum 8GB

OS: Windows 10, Linux 6

Database: Mongo DB

Client Side (minimum requirement):

Processor: Intel Dual Core

HDD: Minimum 80GB Disk Space

RAM: Minimum 8GB

OS: Windows 10, Linux 6

Design and Implementation Constraints:

- The application will use JavaScript, jQuery and CSS as main web technologies.
- HTTP and FTP protocols are used as communication protocols. FTP is used to upload the web application in live domain and the client can access it via HTTPS protocol.
- SMTP protocol is used for email communication.
- Several types of validations make this web application a secured one and SQL Injections can also be prevented
- Since FeedRoad is a web-based application, internet connection must be established.
- The FeedRoad will be used on PCs and will function via internet or intranet in any web browser

3. Requirements Specification.

External Interface Requirements:

User Interfaces:

- All the users will see the same page when they enter in this website. This page asks the users a username and a password.
- After being authenticated by correct username and password, user will be redirect to their corresponding profile where they can do various activities.
- The user interface will be simple and consistence, using terminology commonly understood by intended users of the system. The system will have simple interface, consistence with standard interface, to eliminate need for user training of infrequent users.

Hardware Interfaces:

- No extra hardware interfaces are needed.
- The system will use the standard hardware and data communication resources. This includes, but not limited to, general network connection at the server/hosting site, network server and network management tools.

Application Interfaces:

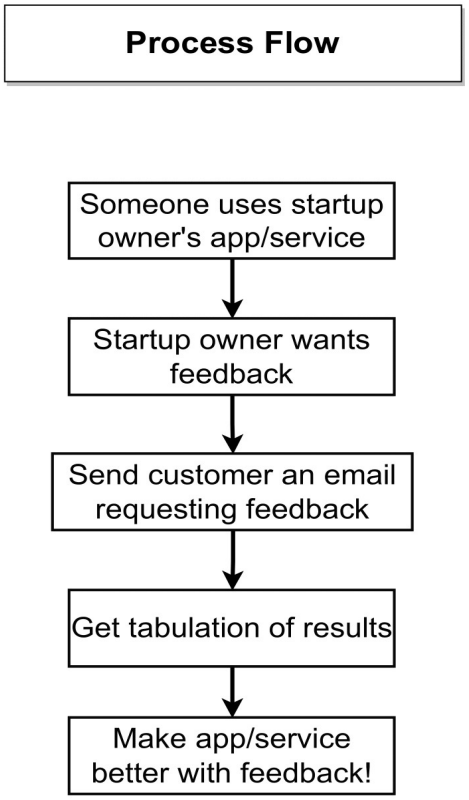
Web Browser: The system is a web-based application; clients need a modern web browser such as Mozilla Firebox, Internet Explorer, Opera, and Chrome. The computer must have an Internet connection in order to be able to access the system.

Communications Interfaces:

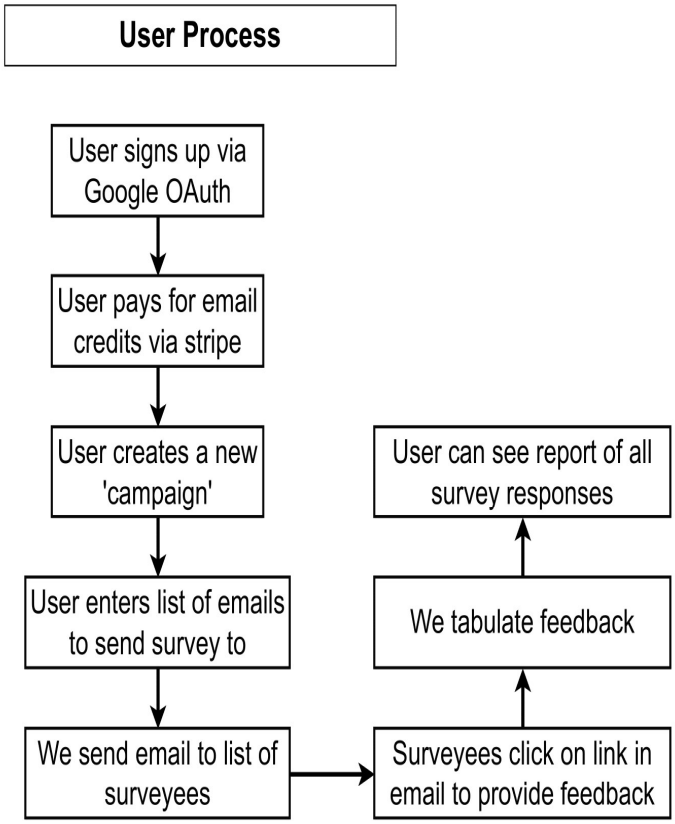
- This system uses communication resources which includes but not limited to, HTTP protocol for communication with the web browser and web server and TCP/IP network protocol with HTTP protocol.
- This application will communicate with the database that holds all the booking information. Users can contact with server side through HTTP protocol by means of a function that is called HTTP Service. This function allows the application to use the data retrieved by server to fulfil the request fired by the user.

4. System and Content Flow Diagram

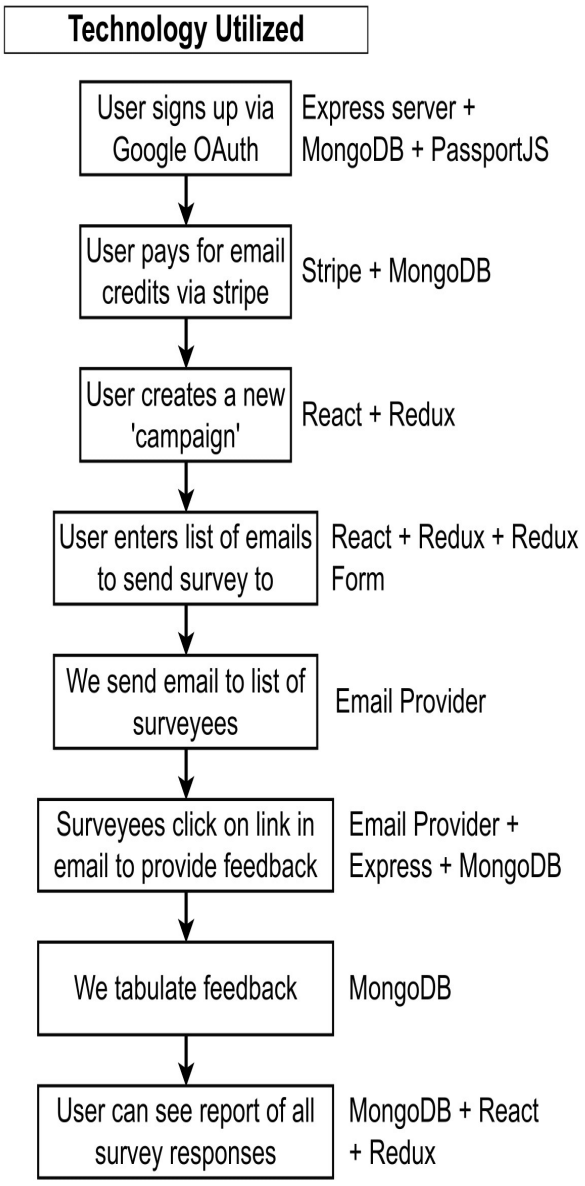
1.Basic Process Flow:



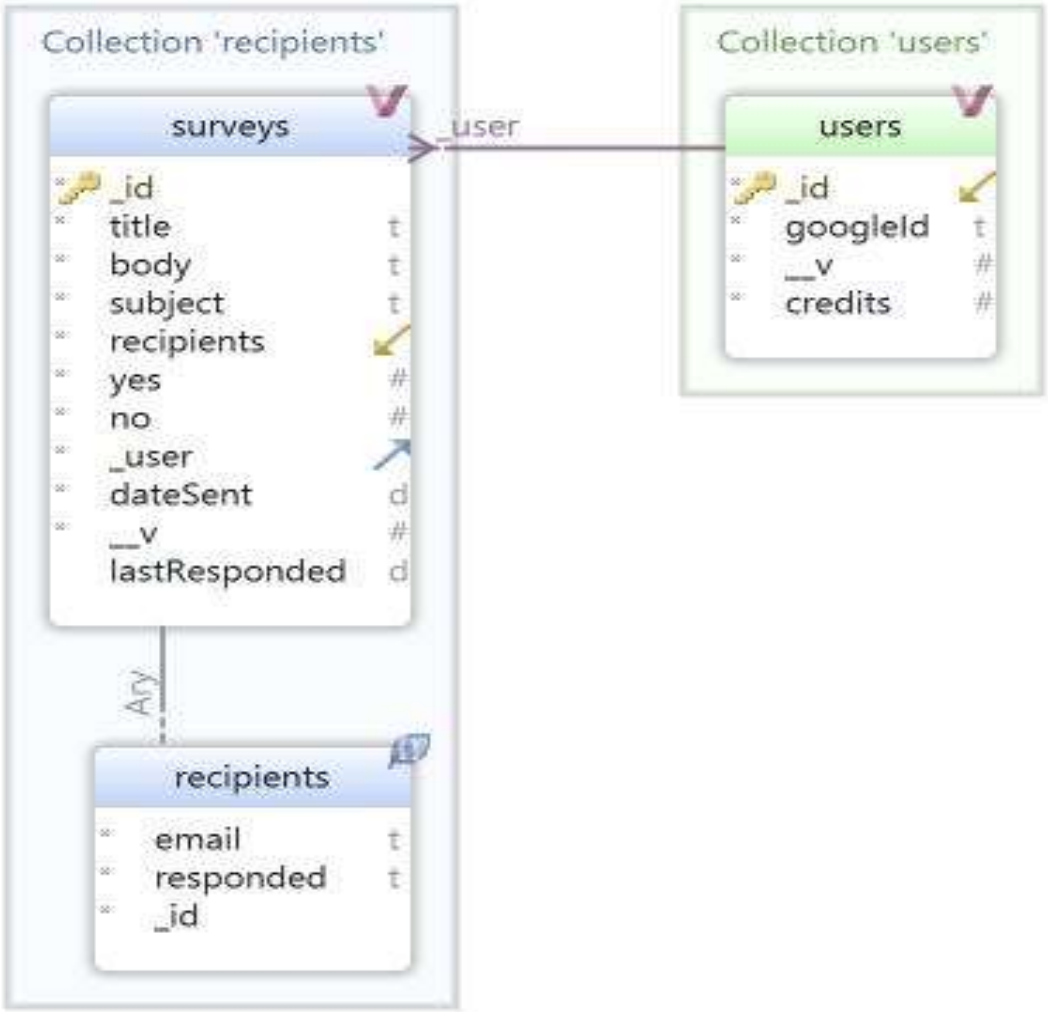
2.User Process:



3 Technology Utilized:



4.Model Database:



Screen Shots:

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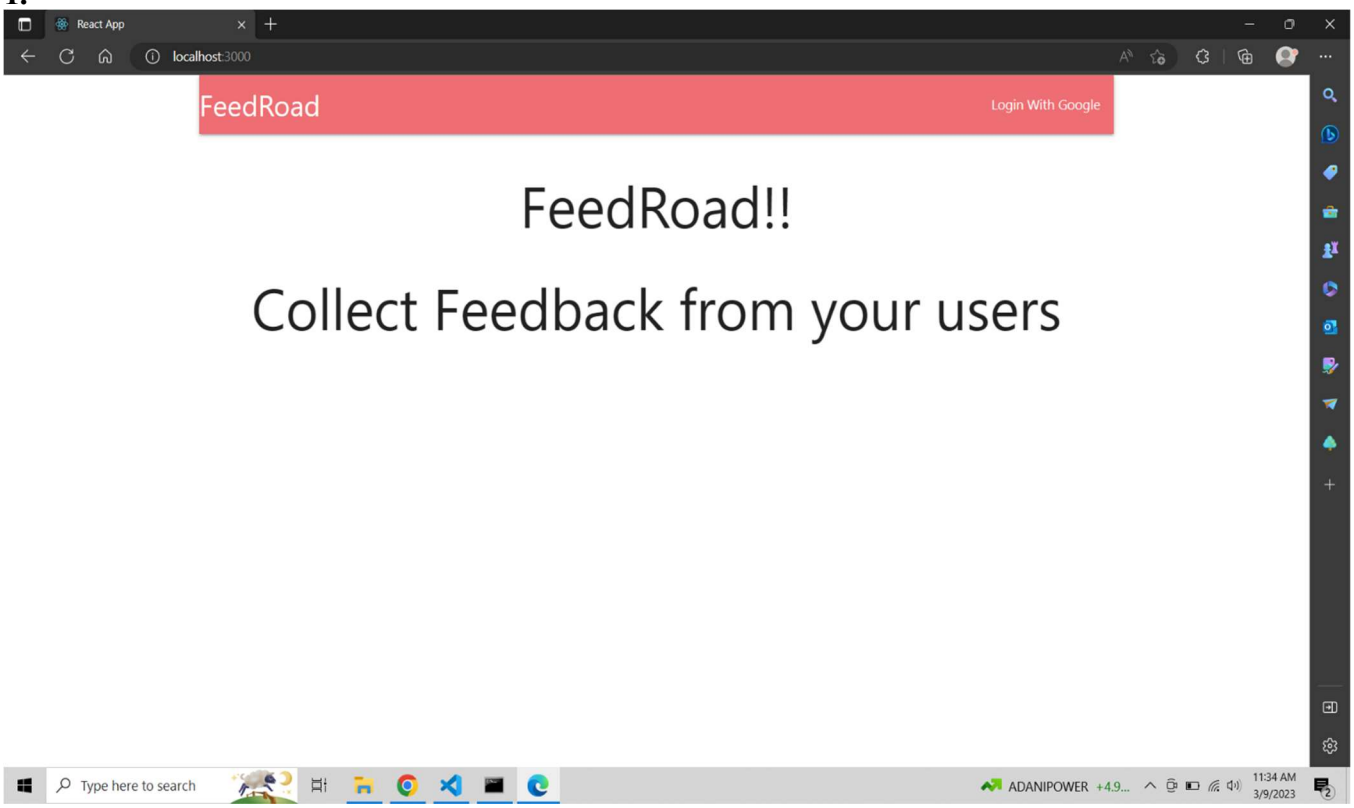

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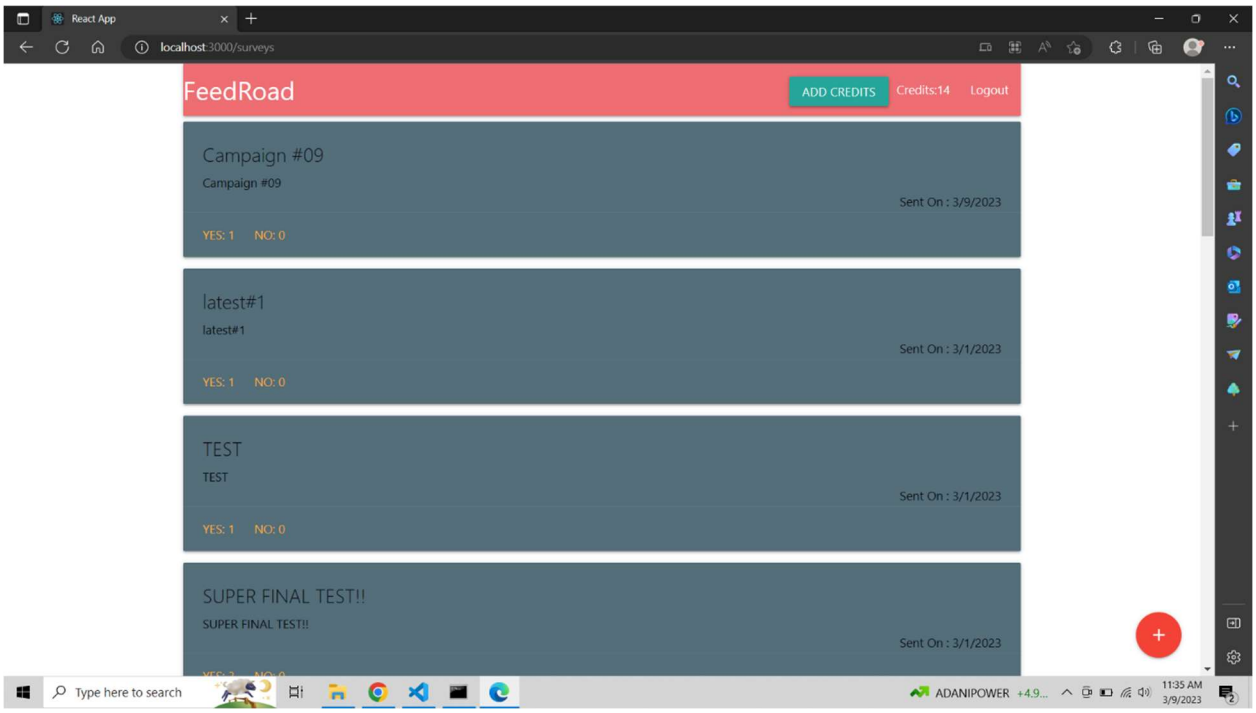

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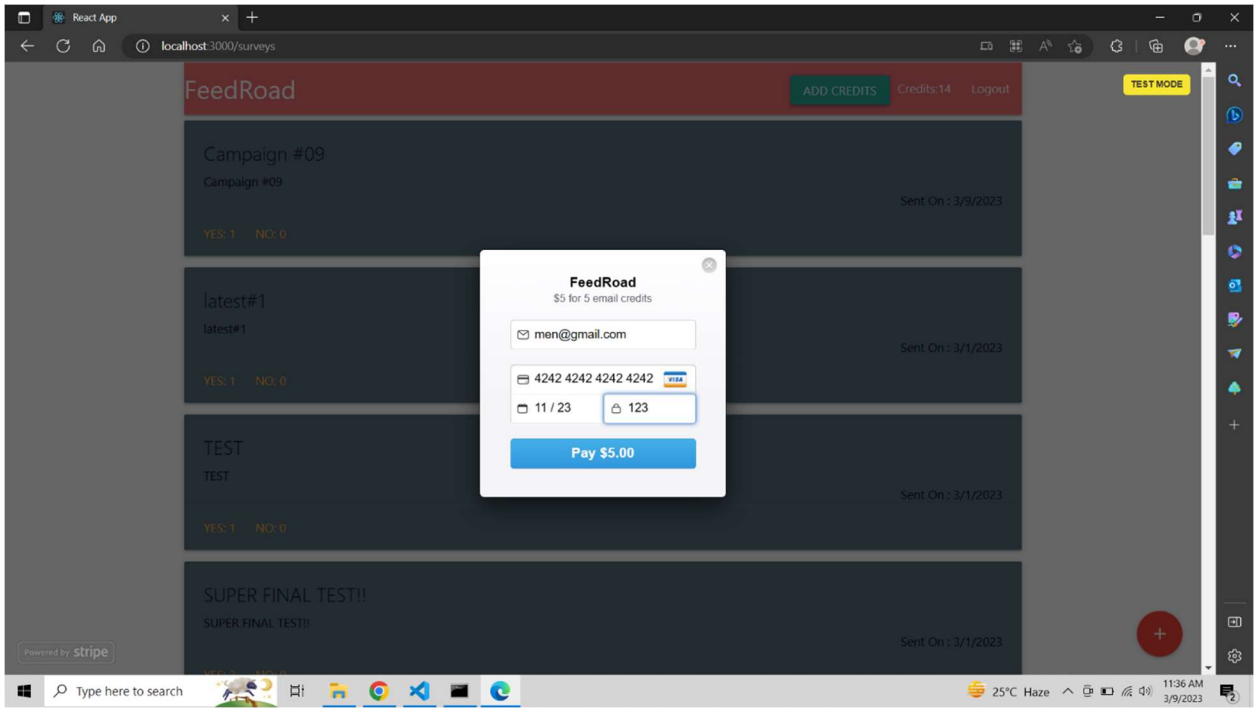
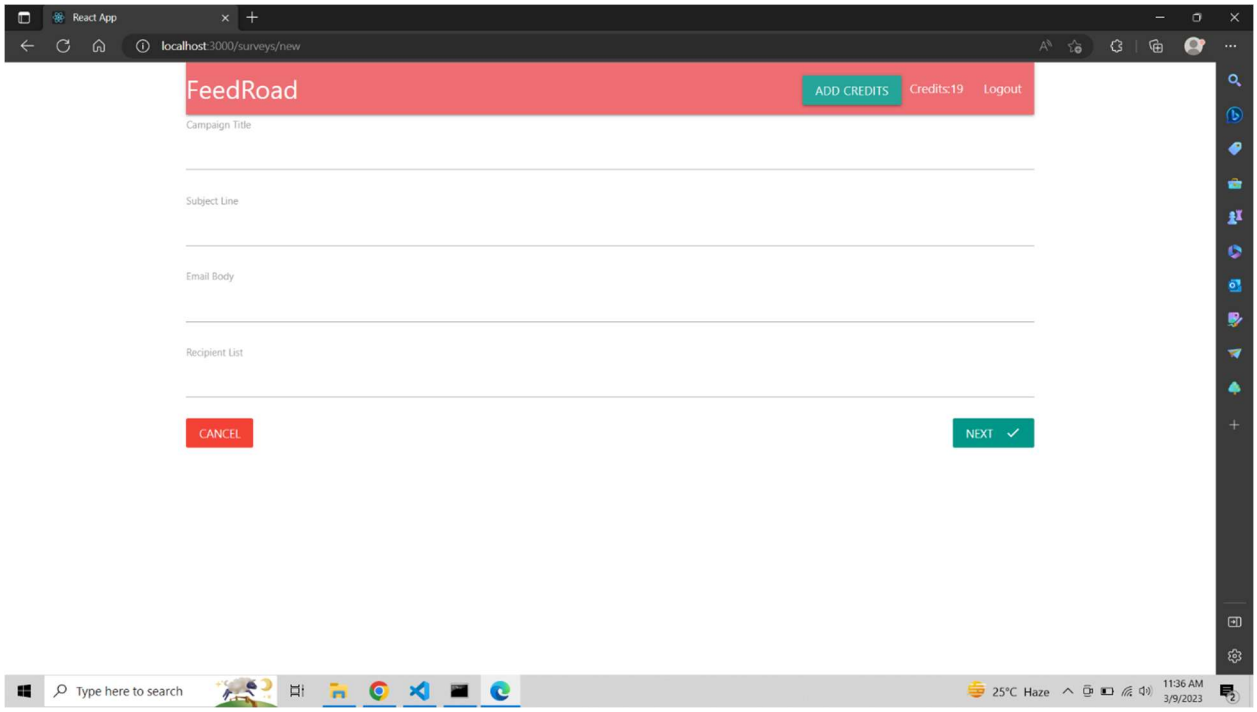
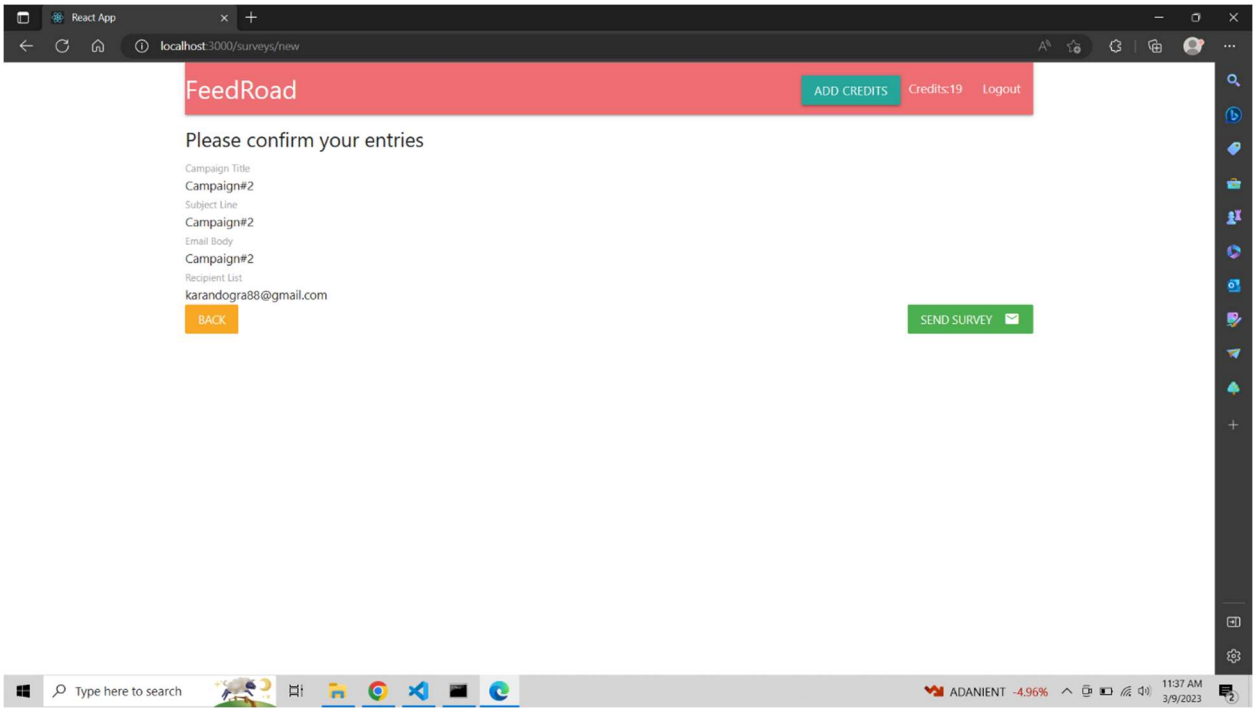

React App
localhost:3000/surveys
FeedRoad
ADD CREDITS
Credits:14
Logout
TEST MODE
Campaign #09
Campaign #09
Sent On : 3/9/2023
YES: 1 NO: 0
latest#1
latest#1
Sent On : 3/1/2023
YES: 1 NO: 0
TEST
TEST
Sent On : 3/1/2023
YES: 1 NO: 0
SUPER FINAL TEST!!
SUPER FINAL TEST!!
Sent On : 3/1/2023
FeedRoad
$5 for 5 email credits
men@gmail.com
4242 4242 4242 4242
11 / 23
123
Pay $5.00
Powered by stripe
Type here to search
25°C Haze
11:36 AM
3/9/2023

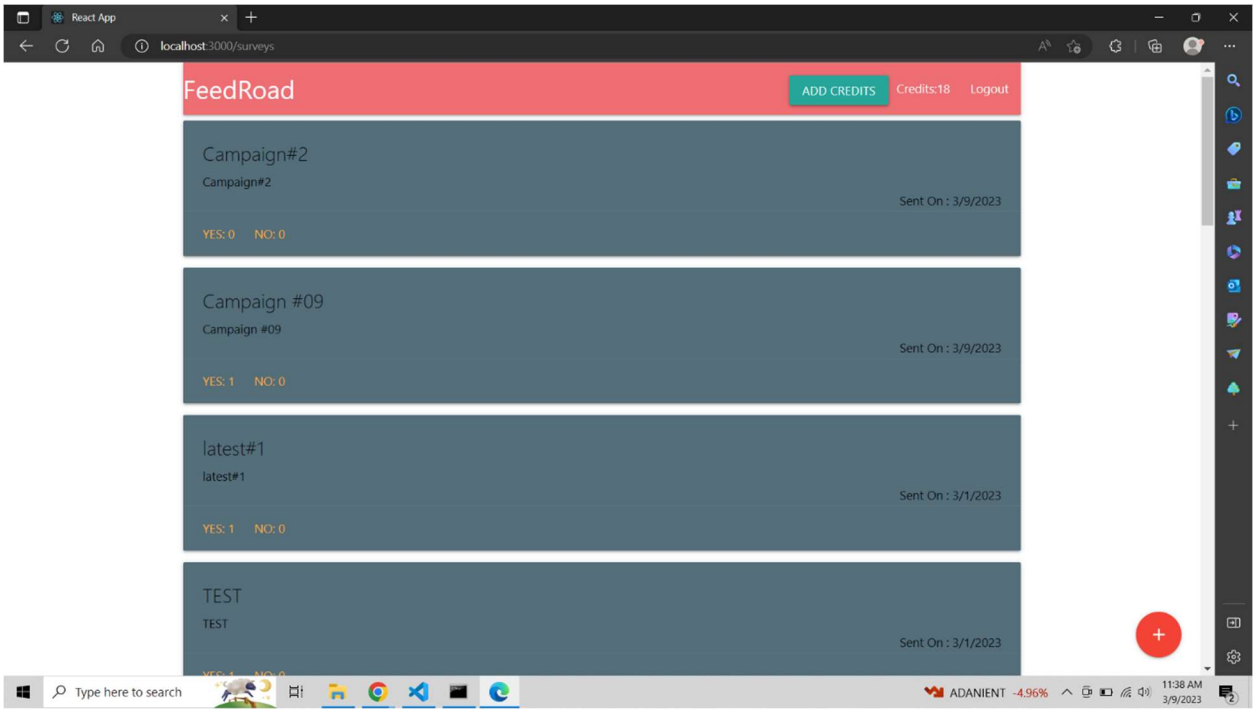
4.


React App
localhost:3000/surveys/new
FeedRoad
ADD CREDITS
Credits:19
Logout
Campaign Title
Subject Line
Email Body
Recipient List
CANCEL
NEXT
Type here to search
25°C Haze
11:36 AM
3/9/2023

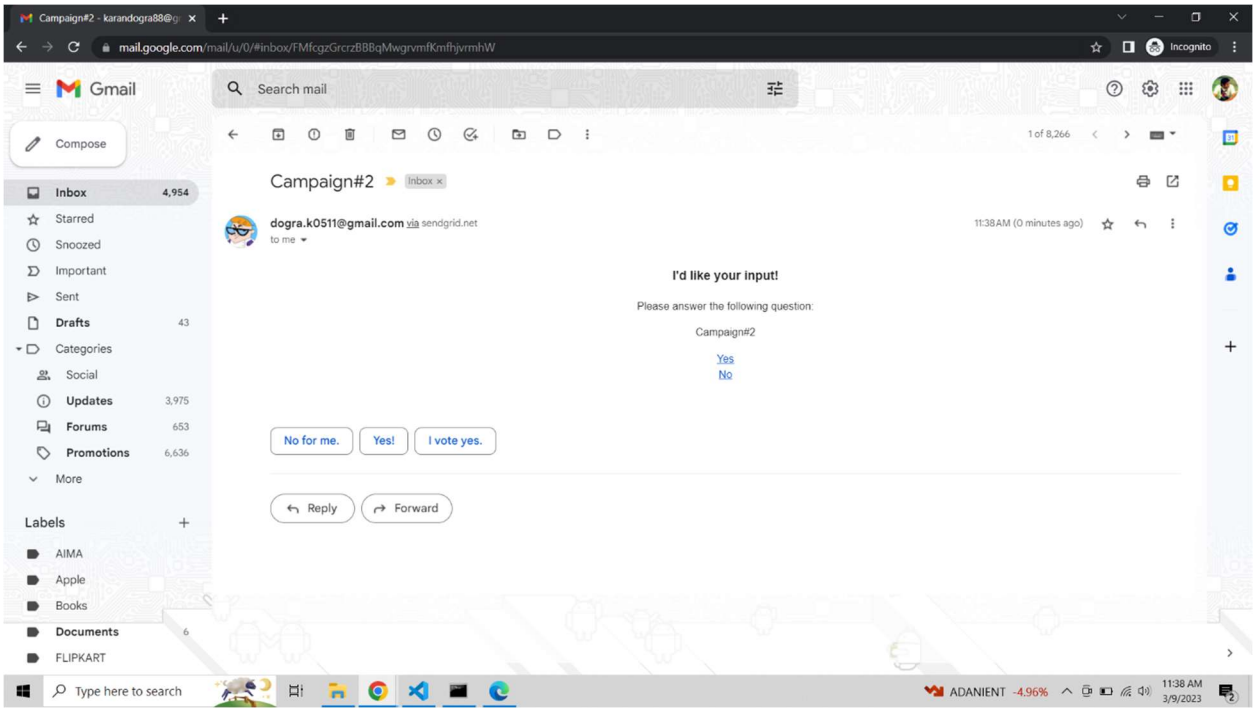
5.


React App
localhost:3000/surveys/new
FeedRoad
ADD CREDITS
Credits:19
Logout
Please confirm your entries
Campaign Title
Campaign#2
Subject Line
Campaign#2
Email Body
Campaign#2
Recipient List
karandogra88@gmail.com
BACK
SEND SURVEY
Type here to search
ADANIENT -4.96%
11:37 AM
3/9/2023

6.


React App
localhost:3000/surveys
FeedRoad
ADD CREDITS
Credits:18
Logout
Campaign#2
Campaign#2
Sent On : 3/9/2023
YES: 0 NO: 0
Campaign #09
Campaign #09
Sent On : 3/9/2023
YES: 1 NO: 0
latest#1
latest#1
Sent On : 3/1/2023
YES: 1 NO: 0
TEST
TEST
Sent On : 3/1/2023
Type here to search
ADANIENT -4.96%
11:38 AM
3/9/2023

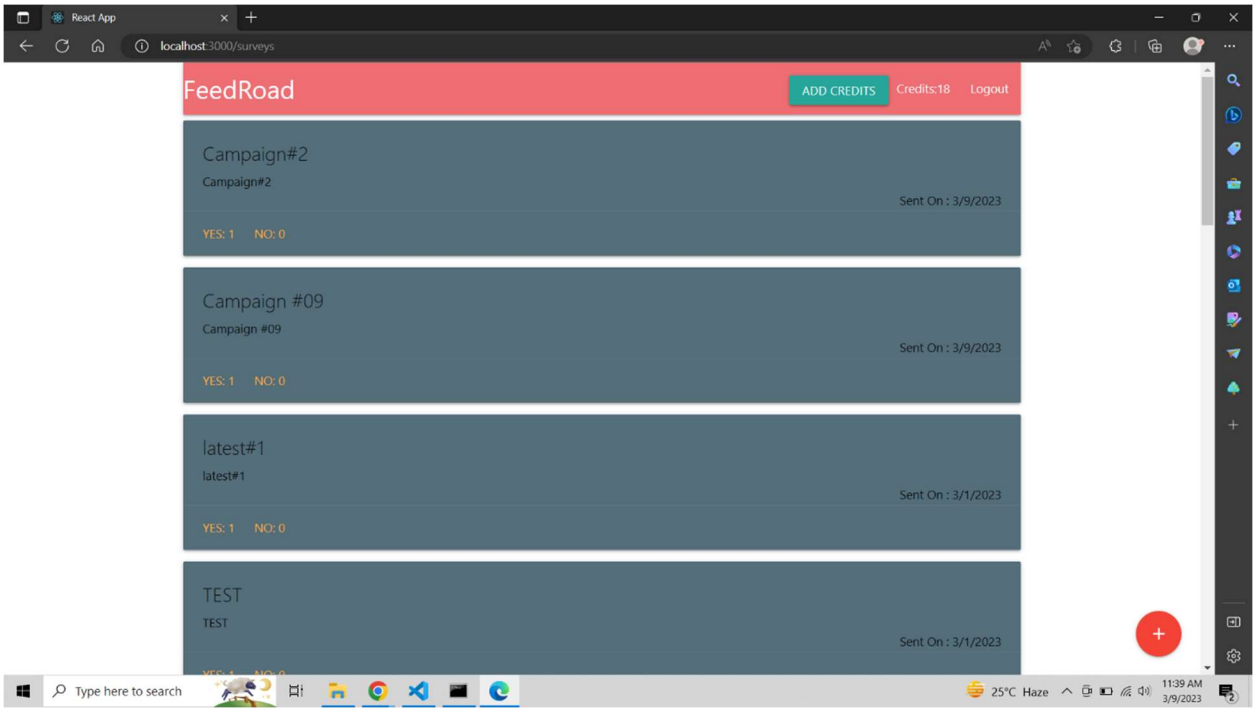
7.



8.

Thanks for voting!!

9.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Campaign#2
Sent On : 3/9/2023
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Campaign #09
Campaign #09
Sent On : 3/9/2023
YES: 1 NO: 0
latest#1
latest#1
Sent On : 3/1/2023
YES: 1 NO: 0
TEST
TEST
Sent On : 3/1/2023
Type here to search
25°C Haze
11:39 AM
3/9/2023

5. CONCLUSION

- **Conclusion:**

  This project aid in automating the existing manual feedback collection system. This is a paperless work. It can be monitored and guarded remotely. It cut down the man power required and provides accurate information. All years together huddled information can be saved and can be accessed at any time. For this reason, the data stored in the repository helps in taking decision by management. All the stakeholders, faculty and authority can get the required information without delay.

- **Future Scope:**

  This project can be enhanced further by allowing surveys to be created in 'draft mode'. The software is flexible enough to be modified and implemented as per future requirements.

7. REFERENCES.

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- https://www.geeksforgeeks.org/mern-stack/