FAROOK COLLEGE

(AUTONOMOUS)

KOZHIKODE

BACHELOR OF VOCATION (B.Voc.) PROGRAMME

IN

(SOFTWARE DEVELOPMENT)
2020 – 2023
MINI PROJECT REPORT

4TH SEMESTER

FAROOK COLLEGE

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BACHELOR OF VOCATION (B.Voc.) PROGRAMME

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2020 – 2023
MINI PROJECT REPORT
ON
“JUNK REPORT”

Name : Amjad C P Class No : 21

Batch : 2020-2023 Reg No : FKAUBVW021

Certified Bonafide Laboratory Record of 2nd Semester Mini Project during the year 2020-23 Submitted for Project viva held in ..... and valued.

Dated: .....

Examiner

1)

2)

Professor/Lecture in charge

DECLARATION

I, Amjad C P hereby declare that, this mini project report entitled “Junk Report”, submitted to Farook College (Autonomous) in partial fulfilment of the requirements for the award of degree of Bachelor of Vocation in Software Development under the faculty of B.Voc. is a bonafide record of work done by me under the guidance of Ms. Mubeena V, Assistant Professor, B.Voc. Software Development, Farook College(Autonomous), Kozhikode – 673 632.

I also declare that this report has not been submitted anywhere else for the award of any degree, diploma, associate ship, fellowship or other academic recognition.

Farook College

07 - 08 - 2022
Amjad C P

ACKNOWLEDGEMENT

I take this opportunity to express my sincere thanks and deep gratitude to all those people who extended their wholehearted co-operation and helped us in completing this project successfully.

I sincerely express my special thanks to Farook College.

I am pleased to thank the principal of Farook College Dr. K M Naseer, Our HOD Ms. Mubeena Mam, deep sense of gratitude to Ms. Rini Fernandez and Mr. Umarsabik U.K for showing their keen and personal interest in our work, and other faculty member for giving us wonderful opportunity to work on the project. This project help to know more about exciting features of Java Script (Express), Mongo DB, HTML, CSS and Github. Project has provided a platform to implement things we have learnt and also learn more things in detail, which shall help me in future.

I would also like to thank all my colleagues, friends and classmates for helping me directly or indirectly throughout the project.

Amjad C P

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Abstract

“Junk Report” is an **extension** for the **waste management** department of **Calicut Co-operation**. It is a platform to collect real-time data about the waste based on the token raised by the public each time in this platform . So The Calicut Co-operation can make an effective real-time decision about the waste management.

Indroduction

“Junk Report” is a web application to collect real-time data about waste in Calicut co-operation. Here can raise a ticket about their waste then the admin get real-time data and analyzes that data ward based . Admin panel itself will take action corresponding to it .

The project has included three users :

1) Admin 2) Ward Admin 3) Public

1. Admin

The Admin is the super user of this system, who is the official from co-operation they can see whole data in co-operation regarding waste management

2. Ward Admin

The Ward Admin is directly connect to the public user in a particular ward the take immediate action regarding waste report they can only see their assigned ward data

3. Public

The user can raise their ticket (report their waste) in web-app and get update inSMS

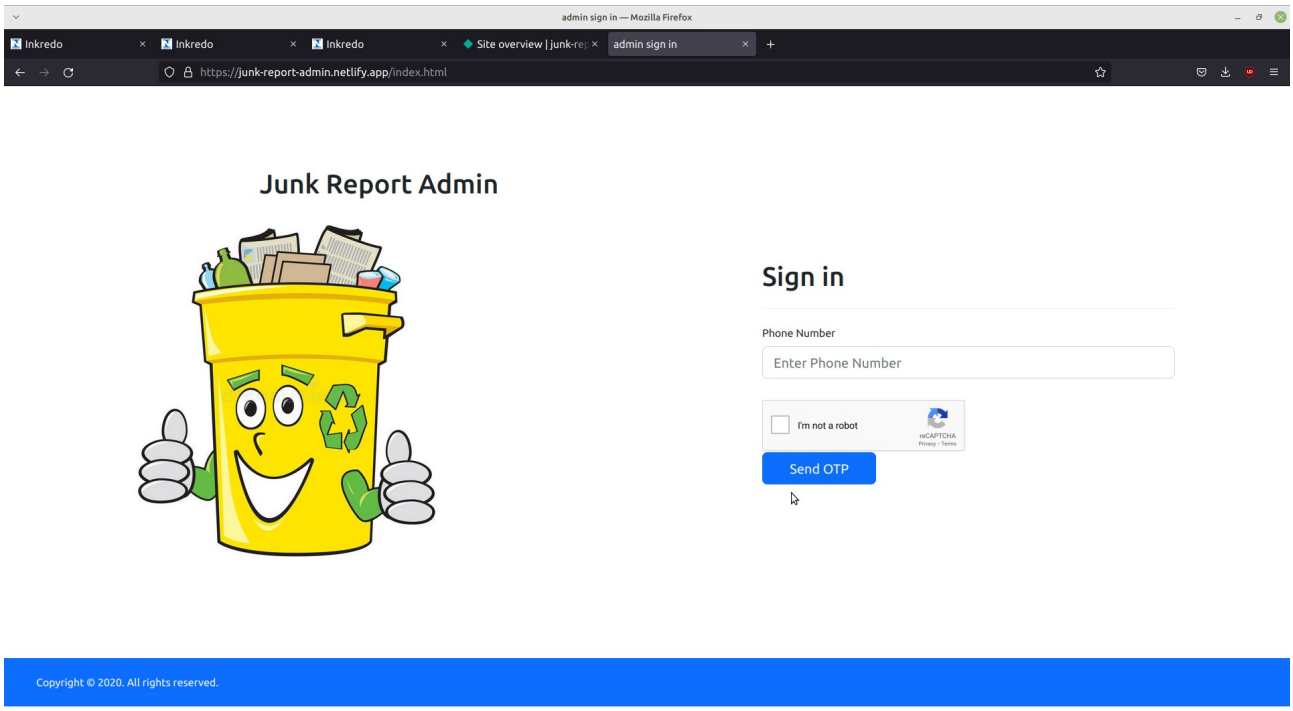
Scope

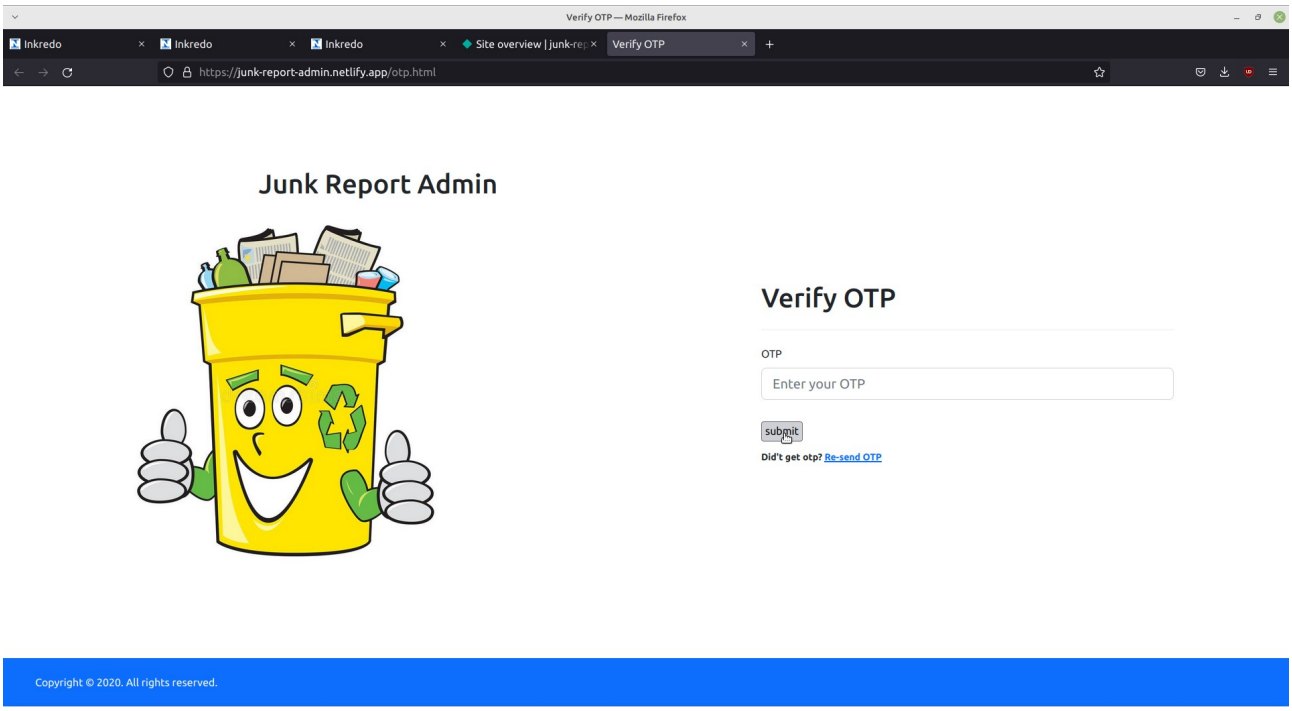
- Real-time data about waste
- Public can easy to report
- Notify through SMS
- Scalable

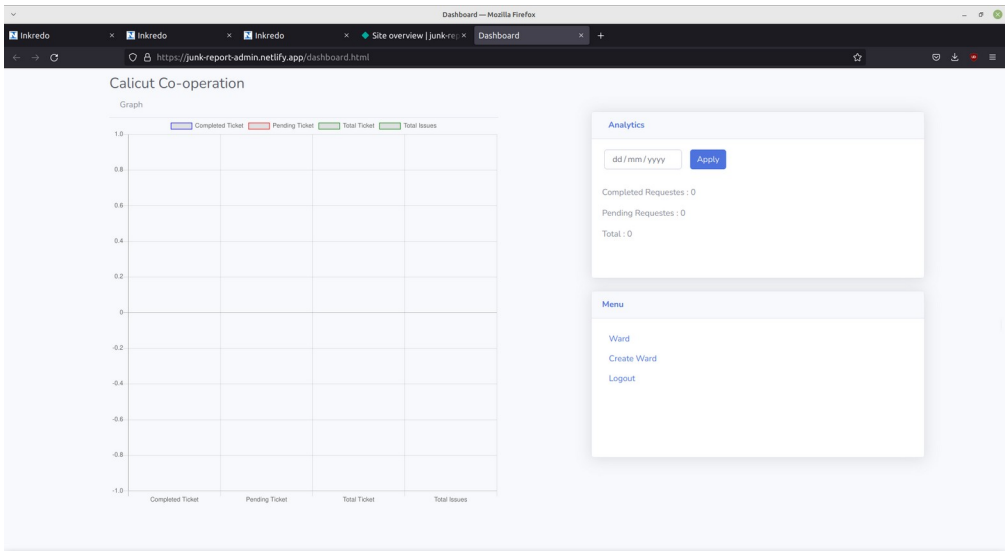
Limitations

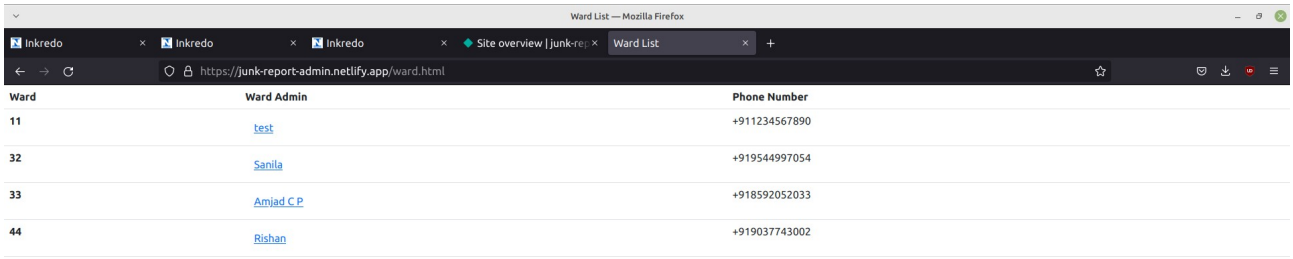
- Project is a MVP
- CRUD not completely used
- Security issues
- Using Twilio’s basic paln, so have to very numbers

Design

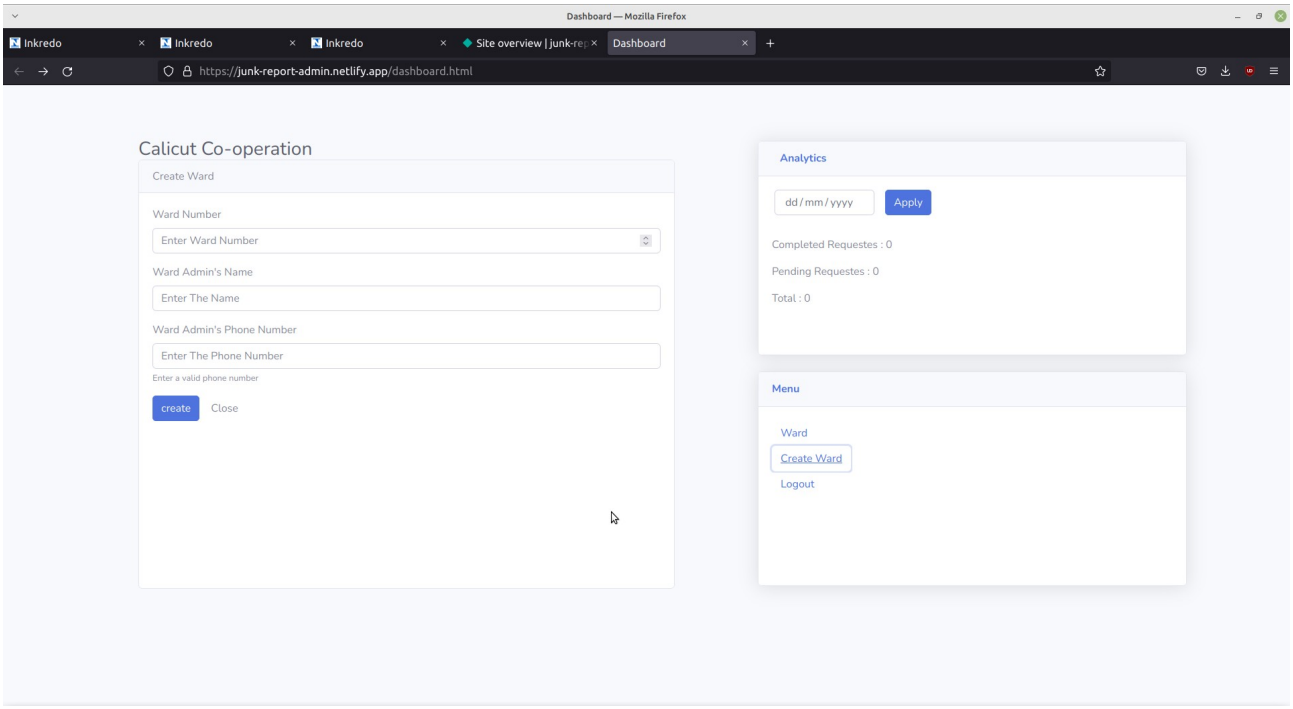

admin sign in — Mozilla Firefox
Inkredo
Inkredo
Inkredo
Site overview | junk-rep
admin sign in
https://junk-report-admin.netlify.app/index.html
Junk Report Admin
Sign in
Phone Number
Enter Phone Number
I'm not a robot
reCAPTCHA
Privacy - Terms
Send OTP
Copyright © 2020. All rights reserved.

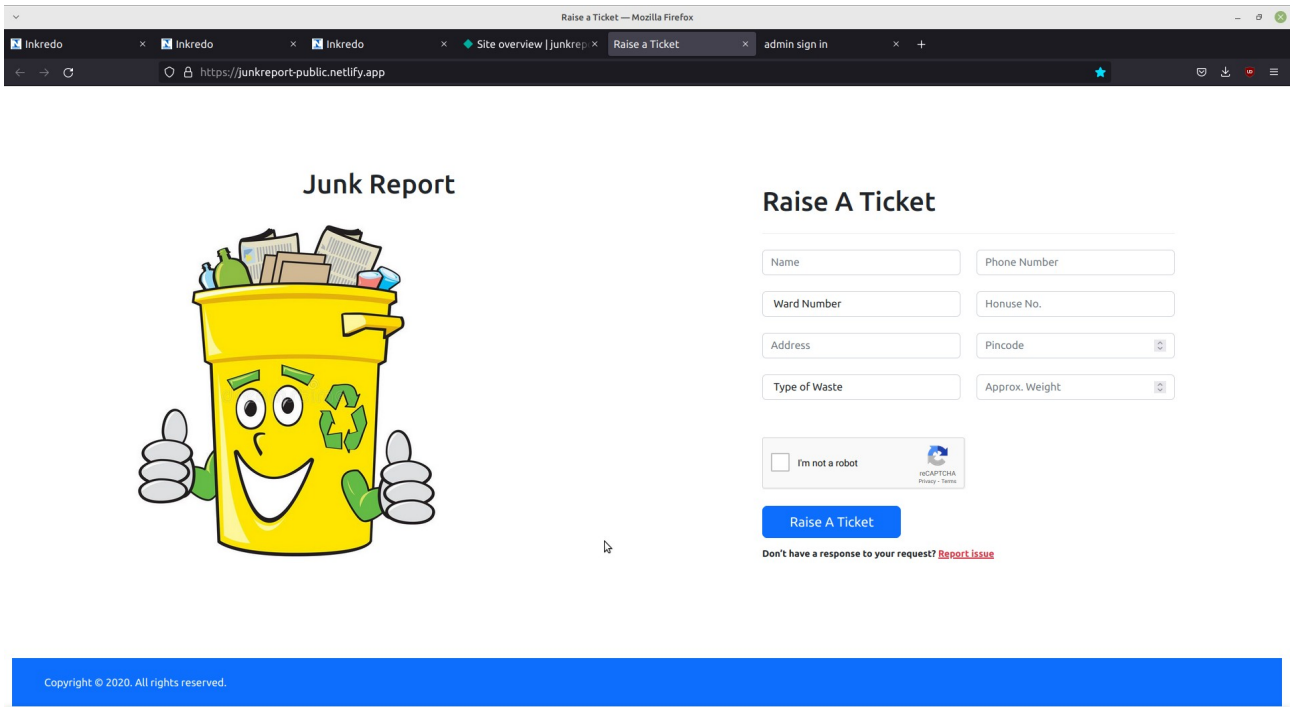

Verify OTP — Mozilla Firefox
Inkredo
Inkredo
Inkredo
Site overview | junk-rep
Verify OTP
https://junk-report-admin.netlify.app/otp.html
Junk Report Admin
Verify OTP
OTP
Enter your OTP
submit
Did't get otp? Re-send OTP
Copyright © 2020. All rights reserved.





Ward	Ward Admin	Phone Number
11	test	+911234567890
32	Sanila	+919544997054
33	Amjad C P	+918592052033
44	Rishan	+919037743002


Dashboard — Mozilla Firefox
Inkredo
Inkredo
Inkredo
Site overview | junk-rep
Dashboard
https://junk-report-admin.netlify.app/dashboard.html
Calicut Co-operation
Create Ward
Ward Number
Enter Ward Number
Ward Admin's Name
Enter The Name
Ward Admin's Phone Number
Enter The Phone Number
Enter a valid phone number
create
Close
Analytics
dd / mm / yyyy
Apply
Completed Requestes : 0
Pending Requestes : 0
Total : 0
Menu
Ward
Create Ward
Logout


Raise a Ticket — Mozilla Firefox
Inkredo
Inkredo
Inkredo
Site overview | junkrep
Raise a Ticket
admin sign in
https://junkreport-public.netlify.app
Junk Report
Raise A Ticket
Name
Phone Number
Ward Number
Honuse No.
Address
Pincode
Type of Waste
Approx. Weight
I'm not a robot
reCAPTCHA
Raise A Ticket
Don't have a response to your request? Report issue
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Used Stacks

- Nodejs
- Java Script
- HTML
- CSS
- Bootstrap
- MongoDB
- Heroku

Nodejs

Node.js is an open-source and cross-platform runtime environment for executing JavaScript code outside a browser. You need to remember that NodeJS is not a framework and it’s not a programming language. Most people are confused and understand it’s a framework or a programming language. We often use Node.js for building back-end services like APIs like Web App or Mobile App. It’s used in production by large companies such as Paypal, Uber, Netflix, Walmart, and so on.

JAVASCRIPT

JavaScript is a lightweight programming language and it is used to make web pages interactive. It can insert dynamic text into HTML. JavaScript is also known as the browser's language Primarily used on the Web. It is used to enhance HTML pages and is commonly found embedded in HTML code. JavaScript is an interpreted language. Thus, it doesn't need to be compiled. JavaScript Renders web pages in an interactive and dynamic fashion in simple terms, a type helps group similar values on which common operations can be performed. ... JavaScript has six primitives’ types: string, number, undefined, null, Boolean, and symbol. There is also a compound type or object. Interestingly, the primitive types are immutable and don't have property.

HTML

HTML (Hypertext Markup Language) is the code that is used to structure a web page and its content. For example, content could be structured within a set of paragraphs, a list of bulleted points, or using images and data tables. As the title suggests, this article will give you a basic understanding of HTML and its functions

CONCLUSION

Here by we are concluding our project, we are successfully completed our project report. In this report we develop a web application for users who can report their waste .We have learned a lot by designing and i mplementing the web app. The project was exhausting,time consuming, but above all a very interesting and an enjoyable experience. Hope we get result of our effort.

REFERENCE

- www.wikipedia.com
- www.w3school.com
- www.bootstrap.com
- YouTube.com