

Introduction

Retrieving and storing data and by using this backend displaying results in front end

Overview

Basic user authentication after successful user login it redirects to the page gps summary in that the details can be searched and sorted and pagination also there.

Authentication

Login Authentication

Sample Test Cases:

email:madhav@gmail.com

password:madhav

Error Codes

If the user does not include the correct email it will notify
: please enter correct email id @gmail.com

If user data is not matched
: Wrong Email Or Password

After successful creation of new user
:Account Created Successfully

If not entered details :
Enter correctly asked details

Rate limit

no

Technologies Used

Visual Studio Code

Front end : Reactjs

Xampp

Backend: Nodejs

Mysql

Postman For API Testing

Possible enhancements to improve user experience

GPS summary data pie charts and table will be designed for better view of data

Thoughts on scalability of the solution

It is scalable and also fully authenticated web application with good database and backend and tested API.