

POS MERN Stack Project

Efficient point-of-sale systems are essential for enhancing customer experiences and optimizing operations. Our POS MERN (MongoDB, Express.js, React, Node.js) Stack Project delivers a modern and feature-rich solution for businesses.

Live URL

<https://pos-banoqabil.cyclic.cloud/signup>

Project Overview

Our POS MERN Stack Project provides businesses with a powerful tool for managing sales, inventory, and customer interactions. Leveraging MongoDB, Express.js, React, and Node.js, this application offers a seamless point-of-sale experience.

Key Features

- **User-Friendly Interface:** Intuitive React-based frontend with Redux state management for smooth user interactions.
- **Inventory Management:** Real-time stock tracking and low-stock alerts for effective inventory control.
- **Sales Tracking:** Generate detailed sales reports and insights into customer behavior.
- **Customer Profiles:** Maintain customer purchase history and preferences for personalized marketing.
- **Secure Authentication:** Robust authentication mechanisms to safeguard sensitive data.

Technologies Used

- **Frontend:** React, Material UI
- **Backend:** Express.js, Node.js
- **Database:** MongoDB

Getting Started

1. Clone the repository.
2. Install dependencies using `npm install`.
3. Run the frontend and backend servers using `npm run start`.

Conclusion

Our POS MERN Stack Project empowers businesses with a versatile point-of-sale solution. Built with MongoDB, Express.js, React, and Node.js, it offers streamlined operations and enhanced customer experiences in today's dynamic marketplace.

Feel free to adjust the formatting, details, and instructions to match your project's specifics and requirements. Certainly! Here's a version of your provided content with minimal formatting adjustments for `readme.so`:

Profile views 1,286

Profile Views

Hi , I'm Laiba Mohammad Ali

A passionate frontend developer

Connect with me: [Email](#)

About Me

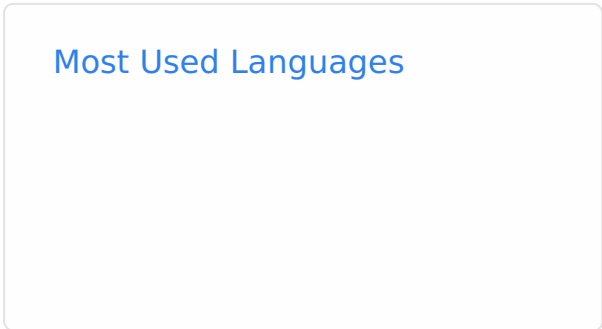
I'm a passionate frontend developer with a keen interest in crafting intuitive and delightful user experiences. With a strong foundation in languages like HTML, CSS, and JavaScript, I strive to create modern and responsive web applications.

- Currently working on: Frontend Web Project
- Learning: MERN Stack
- Looking to collaborate on: Full Stack Projects

Languages and Tools

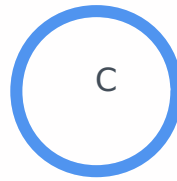
- HTML5, CSS3
- JavaScript, React
- Bootstrap, Figma
- Git, MySQL, PHP
- Python, C, Oracle

GitHub Stats



Top Languages

laiba mohammad ali's GitHub Stats



GitHub Stats

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GitHub Streak

API Reference

###1)USER APIS:

A)REGISTER USER

POST /api/user/register

Parameter	Type	Description
username	string	Required. User's username
email	string	Required. User's email
password	string	Required. User's password

B)LOGIN USER

POST /api/user/login

Parameter	Type	Description
email	string	Required. User's email
password	string	Required. User's password

###2)ITEM APIS:

A)GET-ITEMS

GET /api/item/get-item

Method	Description
GET	Get all Items

B)ADD-ITEM

POST /api/item/add-item

Parameter	Type	Description
name	string	Item Name
category	string	Item Category
price	int	Item Price

C)EDIT-ITEM

PUT /api/item/edit-item

Parameter	Type	Description
id	string	Required. Item ID
name	string	New item name
category	string	New item category

Parameter	Type	Description
price	number	New item price

C)DELETE-ITEM

DELETE /api/item/delete-item

Parameter	Type	Description
id	string	Required. Item ID

###3)BILL APIS:

A)GET-ALL-BILLS

GET /api/bill/get-bills

Method	Description	GET	Get alll Bills
GET	Get alll Bills		

B)ADD-BILL

POST /api/bill/add-bills

Parameter	Type	Description
items	array	Required. Array of items
itemId	string	Item ID
quantity	number	Quantity
total	number	Required. Total amount