# ****MessAPP - Mess Management System****

## ****📋 Overview****

MessAPP is a comprehensive mess management system designed to improve the dining experience in college/hostel mess facilities. The application displays daily mess menus and allows students to provide feedback on their dining experience.

Developed by **Harshith B (23BCE0559)** and **Sahaana (23BCE2128)**, this project aims to streamline mess operations and enhance communication between students and mess management.

## ****Contact****

For any queries or suggestions, please contact:

**Harshith B (23BCE0559)**

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Github Link: https://github.com/harshith9880/messapp\_frontend2

## ****✨ Features****

**📌 Menu Display**: View the daily menu for breakfast, lunch, and dinner along with serving times.

**📝 Feedback System**: Submit detailed feedback about mess food quality, quantity, hygiene, and timing.

**🔄 Responsive Design**: Fully responsive UI that works on all devices.

**🌙 Dark Mode**: Modern dark-themed UI for better user experience.

## ****🛠️ Tech Stack****

**Frontend**: Next.js 15.2.4, React 19, TypeScript

**Styling**: TailwindCSS 4

**Database**: MySQL (via mysql2 package).

**Icons**: React Icons.

## ****🚀 Getting Started****

### ****Prerequisites****

Node.js 18.0 or later.

npm or yarn package manager.

### ****Installation Steps****

**Clone the repository:**

git clone https://github.com/yourusername/messapp\_frontend2.git

cd messapp\_frontend2

**Install dependencies:**

npm install

# or

yarn install

**Run the development server:**

npm run dev

# or

yarn dev

**Open in browser:** Visit [http://localhost:3000](http://localhost:3000/) to see the application.

## ****📱 Application Structure****

**Home Page**: Displays the daily mess menu with timings.

**Feedback Page**: Form for students to submit feedback about their mess experience.

**About Page**: Information about the project and its developers.

## ****📊 Database Schema****

The application uses MySQL to store feedback data with the following structure:

**Student Information**: Registration number, name, block, room.

**Mess Details**: Mess name, type.

**Feedback Information**: Feedback category and type.

**Additional Inputs**: Comments and optional proof/images.

## ****🧩 Components****

**Navbar**: Navigation component for the application.

**Footer**: Contains links and information about the application.

**Menu Cards**: Display meal information in an organized format.

## ****🔧 Scripts****

npm run dev: Start the development server.

npm run build: Build the application for production.

npm run start: Start the production server.

npm run lint: Run ESLint to check code quality.

## ****🤝 Contributing****

Contributions are welcome! Please feel free to submit a Pull Request.

## ****📄 License****

This project is licensed under the MIT License - see the LICENSE file for details.

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