



HACK ODISHA

5.0

TEAM

4 dimension

OUR TEAM



Kuldeep sharma

Puneet bansal

Kaushik Naik

Anil gurjar



PROBLEM STATEMENT

Campus/Hostel Food Feedback & Shortage Tracker

Description:

In hostels and campus messes, students often face inconsistent meal quality, missing items, or shortages, which lead to frustration and poor dining experiences. Mess authorities lack a real-time system to collect feedback or track food stock efficiently. Current methods (verbal complaints or manual registers) are slow, inaccurate, and often ignored.

Key Issues:

No real-time feedback system for meals

Difficulty tracking items running out or shortages

Lack of analytics for meal planning and improvement

Students' complaints often unrecorded or delayed

OUR SOLUTION



Real time web application
to solve the mess related
issue of the student and
the mess vendor



OBJECTIVES

The main objective of MessMate is to build a real-time, digital platform that improves the hostel/campus dining experience by:

Providing students with an easy way to give instant feedback on food quality and availability.

Enabling students to report food shortages immediately, so no one misses meals due to stock-outs.

Giving mess staff a dashboard with analytics to track feedback, check if food is still available and improve meal planning.

Making the overall process transparent, faster, and data-driven compared to manual complaint registers.

Ultimately, ensuring better meal quality, reduced wastage, and higher student satisfaction in hostels and campus messes.



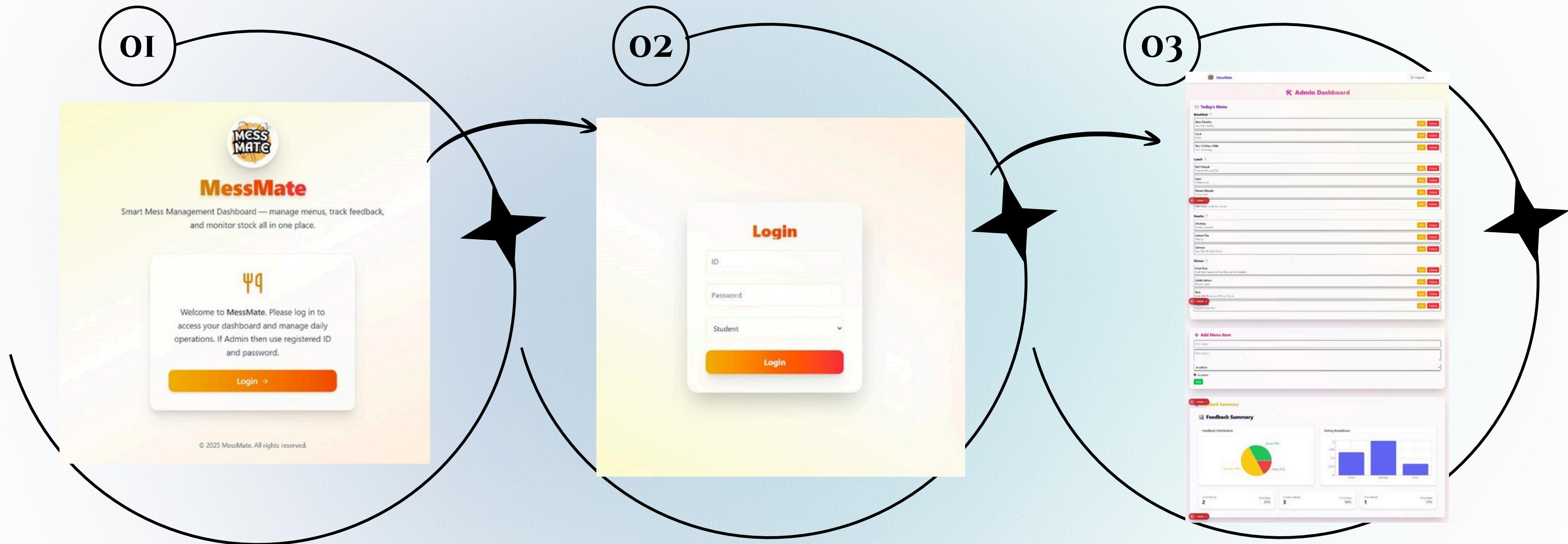
FEATURES

- 🔑 Login/Authentication (Google/College Roll No).
- 📋 View Today's Menu.
- ⭐ Give Feedback (rating + comments).
- ❗ can check whether food is still available or not
- ✅❌ Live Food Availability (what's left in mess)

- 📊 Admin Dashboard – All feedback at a glance.
- ⚠️ can mention food is available or is not not
- 📈 Analytics & Reports – Trends, common complaints.
- 📝 Menu Management – Upload menus for every day by admin



PROCESS





RESULT

- improved Food Quality
- Reduced Food Shortages
- Real-time shortage reports let staff refill items on time.
- Students won't miss out on meals due to finished stock.
- Higher Student Satisfaction
- Transparent system → students feel heard and not ignored.
- Anonymous feedback encourages honesty.
- Data-Driven Mess Management
- Staff can track trends & complaints (e.g., “rice runs out at 8:30 PM daily”).
- Helps in better meal planning and reducing food waste.
- Time & Effort Saving
- No need for manual registers or verbal complaints.
- Staff & students save time while ensuring smooth communication

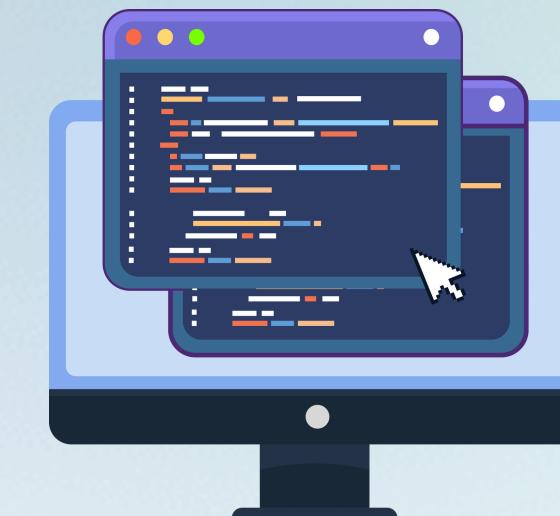


TECH STACK

Frontend: React / Next.js, TailwindCSS

Backend: Nextjs / Nodejs

Database: MongoDB Atlas



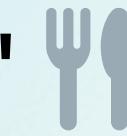


CONCLUSION

MessMate solves a real hostel problem.

Simple, scalable & impactful solution.

Ready to implement in any campus mess.

"Better Food Experience for Every Student" 



THANK YOU

Presented by
4 dimension

GITHUB

<https://github.com/kaushiknaik9/Mess-Mate>

