

# TailorNest

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A TAILOR MANAGEMENT SYSTEM

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# A G E N D A

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# PROJECT OVERVIEW

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## PROBLEM STATEMENT

- Small tailoring businesses struggle to keep up with customer orders, maintain accurate records of custom measurements, and meet deadlines for delivery. Currently, orders are handled manually, resulting in errors and miscommunication. A system is required that allows customers to place orders online, manage their measurements digitally, and track order progress, while helping tailors streamline their workflow and meet delivery commitments.

## OUR OBJECTIVES

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- Enable easy online ordering, measurements management, and order tracking for customers.
- Streamline workflow and provide business insights for tailors.
- Improve service reliability with notifications, status updates, and customer-tailor communication

# TIMELINE

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<i>Initiation</i> <b>24 Oct</b>	<i>Planning</i> <b>26 Oct</b>	<i>Execution</i> <b>27 Oct</b>	<i>Control</i> <b>3 Nov</b>	<i>Closure</i> <b>5 Nov</b>
Defining the project scope, objectives and deliverables.	Detailed project plans created, including development of work breakdown structure.	Project tasks are performed, and the project plan is put into action	Progress is monitored, and any deviations from the plan are identified and addressed.	Documenting deliverables, conducting reviews, transitioning outcomes.

# TECHSTACK USED

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# CORE FEATURES

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## For Customers

1. Search and discover nearby tailors, view ratings, and check tailor availability.
2. Place orders, manage measurements, and track order status online.
3. Receive notifications on order progress and communicate directly with tailors.

# CORE FEATURES

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## For Tailors

1. Manage incoming orders, update order status, and maintain customer measurement records.
2. Set availability status and receive notifications for new orders.
3. Access revenue reports and sales insights for performance tracking.



# CORE FEATURES

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## For Admins

1. Manage Users - View, Search, Remove
2. Manage Tailors
3. View Transactions and Order History

# ARCHITECTURE OVERVIEW

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## **Mern Stack :**

- React(Frontend), Express + Node.js (Backend), MongoDB (Database)

## **Microservices :**

- Customer service, Tailor service, Order service, Measurement service, User service, Review service

## **Flow :**

- Customer, Tailor and Admin authentication, session management and Role-based access control

# CHALLENGES FACED

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- **Real-time Data Synchronization**
- **Integrating accurate location-based search and map functionalities**
- **Authorization**

## **FUTURE SCOPE**

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- **Payment Gateway Integration**
- **Delivery Service Integration and Management**
- **Real-time chat between Tailors and Customers**

# CONCLUSION

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- In conclusion, this app aims to modernize small tailoring businesses by providing a streamlined platform for managing orders, customer interactions, and operational workflows.
- By digitizing processes such as order placement, measurement tracking, and status updates, the app reduces errors and enhances both customer satisfaction and tailor efficiency

# Thank you!

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