

HAWASSA UNIVERSITY



HAWASSA UNIVERSITY INSTITUTE OF TECHNOLOGY

SCHOOL OF INFORMATICS

MOBILE APPLICATION DEVELOPMENT

Mini Project Proposal

GROUP MEMBERS:

NO.	NAME	ID NO.
1.	DAWIT PAULOS	NaScR 0404/15
2.	YEABTSEGA ENDALE	NaScR 1502/15
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Food Delivery App Project Proposal

1. App Name & Tagline

App Name: ገበያ ደሰኝር(Gebeta Delivery)

Tagline: "Your favorite meals, delivered fast and fresh - because good food shouldn't keep you waiting."

2. Problem Statement

The Problem: In today's fast-paced urban lifestyle, people struggle to find time for grocery shopping and cooking, yet they still want access to diverse, quality food options from local restaurants. The current food delivery experience is often frustrating with:

- Limited restaurant choices in specific areas
- Unreliable delivery time estimates
- Difficulty discovering new cuisines that match personal preferences
- Complicated ordering processes that take too long
- Lack of transparency in order tracking

Who is affected: Busy professionals, students, families with dual incomes, and anyone with limited time for meal preparation who values convenience and variety in their dining options.

User Persona:

- Maya is a 20-year-old computer science student living in campus dorms. She needs affordable meals between classes and during late-night study sessions. She often orders with friends and needs easy payment splitting.
- Raj is a 42-year-old ride-sharing driver working long shifts. He needs quick meals he can eat during short breaks while driving. He prefers restaurants with easy parking and food that's portable and not messy.
- Alex is a 28-year-old marketing manager with back-to-back meetings. He needs reliable lunch delivery to his office and sometimes business dinner catering for clients. He values quick service and professional presentation.

3. Proposed Solution

ገበያ ደሰኝር(Gebeta Delivery): is a intelligent food delivery platform that connects users with local restaurants through a seamless, user-friendly mobile application. Our solution addresses the core pain points by:

- **Reliable Speed:** Accurate delivery time predictions and real-time order tracking.
- **Simplified Ordering:** Streamlined interface that reduces ordering time.

- **Quality Assurance:** Vetted restaurant partners with consistent quality standards.
- **Personalized Experience:** Customizable profiles with dietary preferences and favourite orders for one-tap reordering.

The app transforms the food delivery experience from a chore into a delightful, efficient process that saves users time while expanding their culinary horizons.

4. Core Features (Minimum Viable Product - MVP)

1. User Authentication & Profiles

- Quick email/phone registration and login
- Basic profile setup with dietary preferences (vegetarian, gluten-free, etc.)
- Save multiple delivery addresses

2. Smart Ordering System

- Interactive menu with item customization (spice level, ingredients)
- Shopping cart with real-time price calculation
- payment option by cash on delivery
- Order confirmation with estimated delivery time

3. Basic Order Tracking

- Simple order status updates (confirmed, preparing, out for delivery, delivered)
- Push notifications for order status changes
- Delivery person contact information

4. Order History & Reordering

- Past order tracking and details

5. Group Members & Roles

No.	Group Member	Role	Responsibility
1.	Dawit Paulos	Project Lead & Backend Developer	Overall project management, backend architecture, database design, API development
2.	Yeabtsega Endale	Lead Android Developer	Native Android app development, UI

			implementation, performance optimization
3.	Samuel Girma	UI/UX Designer	User interface design, user experience flow, wireframing, prototyping
4.	Desalegn Alemayehu	Frontend & Integration Developer	Frontend development, API integration, payment gateway implementation
5.	Noah Abera	Quality Assurance & Testing	Test planning, bug tracking, user acceptance testing, quality assurance

Team Size: 5 members

Project Timeline: 12 weeks for MVP development and testing

This proposal outlines a focused, achievable food delivery application that addresses genuine user needs while maintaining scope control through a well-defined MVP feature set.