

# Updated Work Breakdown Structure (WBS): Bazaar App

WBS Code	Task Name	Description	Responsible Person	Start Date	End Date	Duration	Predecessor
1.0	Project Management	Overall planning, execution, monitoring, and control.	Project Manager	02-Aug-25	9- Oct-25	Entire project timeline (68 Days)	-
1.1	Weekly Team Meetings	Conduct weekly sync-ups to track progress, discuss risks, and plan next steps.	All Team Members	02-Aug-25	9-Oct-25	Entire Project Timeline (68 Days)	-
1.2	Documentation Management	Maintain project docs (Scope, Plan, Reports).	Project Manager	02-Aug-25	9 Oct 25	Entire Project Timeline	-
2.0	Phase 1: Planning & Requirements	Define the project scope, objectives, and detailed functional requirements.	Project Manager	02-Aug-25	14-Aug-25	-	-
2.1	Finalize Project Charter & Scope	Review and get final approval on the Project Charter and Scope Statement.	Project Manager	02-Aug-25	03-Aug-25	1 Day	-

2.2	Develop Project Schedule	Create a detailed project schedule with milestones and deadlines.	Project Manager	03-Aug-25	04-Aug-25	1 Day	2.1
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2.3	Gather User Stories & Requirements	Brainstorm and document detailed user stories and functional requirements for the MVP.	Project Manager	05-Aug-25	13-Aug-25	7 Days	2.2
2.4	Create Requirements Document (SRS)	Compile all requirements into a formal Software Requirement Specification document for signoff.	Project Manager	13-Aug-25	14-Aug-25	1 Day	2.3
3.0	Phase 2: Design & Prototyping	Create the visual design, user experience, and system architecture.	UI/UX Designer	15- Aug- 25	27- Aug- 25	-	2.4
3.1	Create UI/UX Design	Develop High-fidelity wireframes for all app screens.	UI/UX Designer	15- Aug- 25	20 - Aug-25	5 Days	2.4

3.2	Create Clickable Prototype	Build an interactive, clickable prototype in Figma to simulate user flow.	UI/UX Designer	21- Aug-25	23-Aug-25	2 Days	3.1
3.3	Design System Architecture	Plan the overall technical architecture, including database schema and API structure.	Backend Lead	19-Aug-25	27-Aug-25	8 Days	3.1
4.0	Phase 3: Development	Build the functional prototype of the Kirana app.	Dev Team	27- Aug-25	24 -Sep-25	-	3.1, 3.2, 3.3

4.1	Setup Development Environment	Configure backend, frontend, and database environments; set up version control (Git).	Dev Team	27-Aug-25	29-Aug-25	2 Days	3.3
4.2	Backend Development	Build the server-side logic, APIs, and database.	Backend Dev	1- Sep-25	12- Sep-25	11 Days	4.1

4.2.1	User Authentication API	Develop APIs for user registration (phone/email) and login.	Backend Dev	31 - Aug-25	2-Sep-25	2 Days	4.1
4.2.2	Chat Service API	Build APIs for sending/receiving messages and managing chat privacy features.	Backend Dev	2- Sep-25	8-Sep-25	6 Days	4.2.1
4.2.3	Bazaar & Seller API	Create APIs for seller profile creation, product listing, and locationbased discovery.	Backend Dev	8-Sep-25	12-Sep-25	4 Days	4.2.1
4.3	Frontend Development	Build the user interface and connect it to the backend APIs.	Frontend Dev	3-Sep-25	24-Sep-25	21 Days	3.1, 4.2
4.3.1	Implement User & Chat Screens	Develop the UI for registration, login, and the main chat interface.	Frontend Dev	3-Sep-25	10-Sep-25	7 Days	4.2.2
4.3.2	Implement Bazaar Screens	Develop the UI for the marketplace, seller profiles, and product views.	Frontend Dev	11-Sep-25	24-Sep-25	13 Days	4.2.3

5.0	Phase 4: Testing & Deployment	Test the application for bugs and deploy it to server.	QA Lead + Dev Team	25-Sep-25	3-Oct-25	-	4.2, 4.3
5.1	Integration Testing	Test the interaction between frontend and backend components to ensure they work together.	QA Lead	25-Sep-25	27-Sep-25	2 Days	
5.2	User Acceptance Testing (UAT)	Have a small test group use the app to provide feedback and identify bugs.	QA Lead	28-Sep-25	30-Sep-25	2 Days	
5.3	Bug Fixing	Address all critical issues and bugs identified during testing.	Dev Team Lead	30-Oct-25	2-Oct-25	2 Days	
5.4	Deploy to Staging Server	Deploy the final prototype to a live server for the final presentation.	Backend Lead	3-Oct-25	3-Oct-25	1 Day	
6.0	Phase 5: Project Closure	Finalize documentation and prepare for the final project presentation.	Project Manager	6-Oct-25	10-Oct-25	-	5.4

6.1	Prepare Final Report	Write the final project report, including achievements, challenges, and learnings.	Project Manager	6-Oct-25	7-Oct-25	1 Day	5.4
6.2	Prepare Presentation	Create the presentation slides and rehearse the final project demonstration.	Project Manager	8-Oct-25	9-Oct-25	1 Day	6.1
6.3	Final Project Submission	Submit all project deliverables and present the final prototype to the course instructor.	Project Manager	9-Oct-25	9-Oct-25	1 Day	6.2