Project Status Report I

Date of Report Issue/Prepared: Feb 01, 2025

Report Prepared By Team Members: Nishita

Employer/Organization (if applicable) :

Project Name:	Tech Barter	
Project Team:		
Period Reporting:	Start Date: **Jan 06, 2025**	End Date: **Jan 31, 2025**
Overall Project Health	Green (Good) - Yellow (Warning) - Red (Bad)	

Summary

Project Status Summary

Current Status & Completed Features

1. **Role-Based Authentication APIs**
   - Implemented authentication and authorization mechanisms for different user roles (Admin/Seller/Buyer).
   - Ensured secure access control to product and order management features.

2. **Product CRUD Operations**
   - Developed APIs for Product CRUD Operations (Create, Read, Update, Delete).
   - Implemented validation and error handling for product-related transactions.

3. **Order CRUD Operations**
   - Developed APIs for Order CRUD Operations (Create, Read, Update, Delete).
   - Ensured proper linkage between orders and products for seamless transactions.

Accomplishments As Planned	Planned but not Accomplished
Role-Based Authentication APIs	User Interface Development
Product CRUD Operations	API Integration with Frontend
Order Management APIs	

Upcoming Objectives for **Feb 01, 2025 to Mar 7, 2025**

	Planned Activities/Tasks for Next Period		
Activity/Task	Assigned To <name/s>	Duration <days>	Date
User Interface Development	Hardik/Tanmay	14	Feb 01
Api Integration	Ashish	7	Feb 08
Seller Dashboard Interface & Api Integration	Hardik/Sandra	14	Feb 01
Crud operation for Cart & Rating	Nishita	7	Feb 01
Payment gateway Integration	Nishita	14	Feb 15

	Milestones for Next Period	
Milestone (Objective)	Assigned To	Delivery Date
➢ Basic UI layout and design completion. ➢ Implementation of responsive components.	Hardik Tanmay	Feb 15
➢ Connect product & order management APIs with the UI. ➢ Implement error handling for API responses.	Ashish	Feb 08

➢ Design and develop the seller dashboard UI. ➢ Implement seller-specific product and order management functionalities.	Sandra Hardik	Feb 15
➢ Develop CRUD operations for adding/removing items from the cart. ➢ Implement product rating and review system.	Nishita	Feb 08
➢ Integrate payment APIs with checkout functionality.	Nishita	March 01

Managing Issues and Risk (for current reporting period and next period)

Issues/Problems	Resolution Strategy	Due Date
Delayed API Development	Prioritize critical API endpoints and allocate extra development resources	Feb 01

Upcoming Risks	Risk Ranking (Hi, Med, Low)	Risk Impact (Hi, Med, Low)	Mitigation Strategy
Frontend Development Delay	Low	Low	Assign additional Team member
Integration Issues Between Frontend & Backend	Low	Low	Allocate extra buffer time for fixing integration issues
Unfamiliarity with Payment Gateway Integration.	Hi	Med	Use well-documented APIs and conduct sandbox testing
Last-Minute Bugs	Med	Low	Allocate dedicated time for final testing and bug fixes

NOTE: Attach additional sheets if insufficient space available

<u>Submission Guidelines:</u>

Please submit as "W25_T<team number>_ProjectReport1".
For e.g., W25_T99_ProjectReport1

This is a group submission i.e. one per group.

<u>Due Dates:</u>

Sunday, Feb 02, 2025 (11:59 p.m.)