

Project Manager Assignment

- 1) Create end to end project management case study for food delivery products like Zomato, Swiggy.
- 2) Research: 10 Use cases of Blockchain Technology in the real world with project management.

Create end to end project management case study for food delivery products like Zomato, Swiggy.

Case Study for Food Delivery Platform

Project Overview

Project Name:	Fast Eats
Budget:	2 Lakhs
Project Manager:	Mahima J
Company:	AppAvengers

Introduction

This project aims in developing a food delivery platform to make the dining experience easier and accessible to the users from the comfort of their home.

1. Initiation

1.1 Scope

The project involves the development of mobile app for users to browse food items, place order and track order. The website-based dashboard is provided for the restaurant partners to manage menus and orders. There is an efficient backend support for easy transactions and operations.

1.2 Objective

To develop a food delivery platform that provides variety of food options from the restaurants of customers choice and also to provide timely and reliable delivery.

1.3 Stakeholders

External Stakeholders: Restaurant Partners, Customers, Delivery Person.

Internal Stakeholders: Project Team, Marketing Team, Finance Team, Operations Team.

2. Planning Phase

2.1 Requirement Gathering

- User Requirement: User Friendly Interface, Multiple Payment Options, Real time Training, Customer Reviews and Ratings.
- Business Requirements: Scalability, Security, Efficient Delivery.

2.2 Scope Management:

Features:

- User Registration and Login
- Restaurant Listings and Menus
- Search and Filter options
- Order placing and Tracking
- Payment Integration
- Map Integration
- Rating and Reviews
- Customer Support

2.3 Resource Allocation

- Budget: 2 Lakhs
- Team:
- Project Manager: 1
- Developers: 4
- UI/UX Designers: 2
- Tester: 1
- Marketing and Sales Team
- Customer Support Team

2.4 Risk Management

- Technical Risks: Server Down, Software Bugs.
- Operational Risks: Delivery Delays.

2.5 Timelines

- Requirement Gathering and Design: 1-2 Months
- Development: 3- 4 Months
- Testing: 15 days – 1 month
- Launching the app and website on local server and feedback: 3 weeks
- Full launch and Marketing: 1 Month

3. Execution

3.1 UI/UX Design

- Using Figma to create the designs for the app and website.
- Regular meetings with clients for design approval.

3.2 Development

- Front End: Flutter for mobile app
- Backend: PHP, Laravel
- Front End: HTML, CSS etc for website
- Backend: PHP, Laravel, Node Js etc
- Database: Mongo DB
- Payment Integration- for online payments
- Map Integration- for location
- Methodologies to use: Agile/Waterfall Model
- Regular Meetings with the stakeholders to shows the progress.

3.3 Marketing and Partnerships

- Partnering with minimum 30-40 local restaurants.
- Offering Promo deals to attract restaurant partners.
- Marketing through Digital Marketing, Local Advertisements.

4. Monitoring and Controlling Phase

4.1 Quality Assurance

- Tracking and Monitoring of the project progress.
- Conducting regular meetings with the stakeholders and the team for approval, changes.

4.2 Testing

- Integration Testing, Automation Testing
- User Acceptance Testing.
- Feedback from the clients for approval.

5. Closing Phase

5.1 Documentation

- Create user manuals related to the project for user understanding.

5.2 Deliverables

- Mobile App, Website.

5.3 Training

- Conduct training sessions for the clients on how to use the app and website.

Research: 10 Use cases of Blockchain Technology in the real world with project management.

- **Project Data Security:**

Blockchain uses advanced cryptographic techniques making it secure. When the block of the data is added to the chain it becomes impossible to delete or update the data without the permission of the network. Blockchain also eliminates single point of failure.

- **Efficient Collaboration**

Blockchain provides secure and direct communication between team members and stakeholders. It enhances the collaboration. Also provides faster decision making and problem solving.

- **Enhanced Payment System**

Blockchain can enable instant cross border payments. It removes the need for currency conversion. This feature is beneficial for international projects with multiple clients.

- **Reliable Auditing and Compliance**

Blockchain helps project management with reliable auditing and compliance by offering transparency in the recorded data. This allows the auditors and regulatory authorities to access unchanged data ensuring accuracy.

- **Risk Mitigation and Resilience**

Blockchain's decentralized nature can reduce the risk of data loss and system failures during project execution.

- **Supply Chain Management**

Blockchain can track the transport of goods which provides transparency and reduces the risk of imitation products. Project Management involves the overseeing the implementation of blockchain based tracking systems and coordinating with various stakeholders.

- **Identity Verification**

Blockchain based identity verification systems offer a secure way to verify identities and reduces fraud and theft.

- **Intellectual Property Protection**

Blockchain can be used to timestamp digital assets which provides a secure way to

protect ip assets. Project Management implements blockchain based solutions for IP protection and managing legal and technical assets.

- **Healthcare Data Management**

Blockchain can store and share health care data ensuring patient privacy and data integrity. Project Managers coordinate the implementation of blockchain based healthcare systems.

- **Real Estate Transactions**

Blockchain based platforms can be used to provide transparent and efficient real estate transactions which minimizes the fraud. Project Management oversees the development of blockchain based real estate platforms and coordinating with buyers, sellers etc.