Assignment – 2

Subject: Introduction – Business Analyst for Your Project

Dear Client,

I hope you're doing well.

My name is Nallamothu Harish, and I'll be working with you as the Business Analyst for your project. I'll be your main point of contact to understand your business needs, gather requirements, and help ensure the solution we deliver meets your expectations.

To get started, I'll soon set up a meeting with you and your team to understand your goals, current process, and any challenges you are facing. This will help us plan the project in the right direction.

Please feel free to reach out to me at any time if you have questions or need support. I'm looking forward to working with you.

Best regards,
Nallamothu Harish
Business Analyst
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Business Requirements Document (BRD)

1. Project Title

Online Store Web & Mobile Application

2. Background / Business Need

With the rise of e-commerce, the company wants to create an online platform where customers can browse products, place orders, and make payments. This will expand customer reach, reduce dependency on physical stores, and improve convenience.

3. Project Objective

- Develop an online platform (website + mobile app) to sell products.
- Enable product search, ordering, payment, and delivery tracking.
- Increase customer base and sales via digital transformation.

4. Scope

In Scope:

- User registration and login
- Product catalog browsing
- Shopping cart and checkout
- Online payment integration

- Order history and tracking
- Admin dashboard for inventory and orders

Out of Scope:

- International shipping
- Vendor registration or multi-vendor support (initial phase)

5. Stakeholders

- Product Owner
- Business Analyst
- Development Team
- QA Team
- Marketing Team
- End Users (Customers)

6. Assumptions

- Internet access is available to all users.
- Users have basic digital literacy.
- All required product data will be available from the business team.

7. Constraints

- Project must be completed in 3 months.
- Budget is limited to ₹10,00,000.
- Must comply with Indian e-commerce and data protection laws.

8. Key Performance Indicators (KPIs)

- User signups per week
- Number of successful orders
- Bounce rate on product pages
- Order fulfillment time
- Customer satisfaction ratings

📜 Software Requirements Specification (SRS)

1. Introduction

This document outlines the functional and non-functional requirements for an Online Store application.

2. System Overview

A responsive web and mobile platform for browsing, purchasing, and tracking products online.

3. Functional Requirements

3.1 User Module

- Register, Login, Logout
- Update Profile, Change Password

3.2 Product Module

- View product catalog
- Search and filter products
- View product details

3.3 Cart & Checkout Module

- Add/remove products to/from cart
- Checkout process
- Apply discounts/coupons

3.4 Payment Module

- Integrate with payment gateway (UPI, card, net banking)
- Generate invoice post-payment

3.5 Order Module

- View past orders
- Track delivery status

3.6 Admin Module

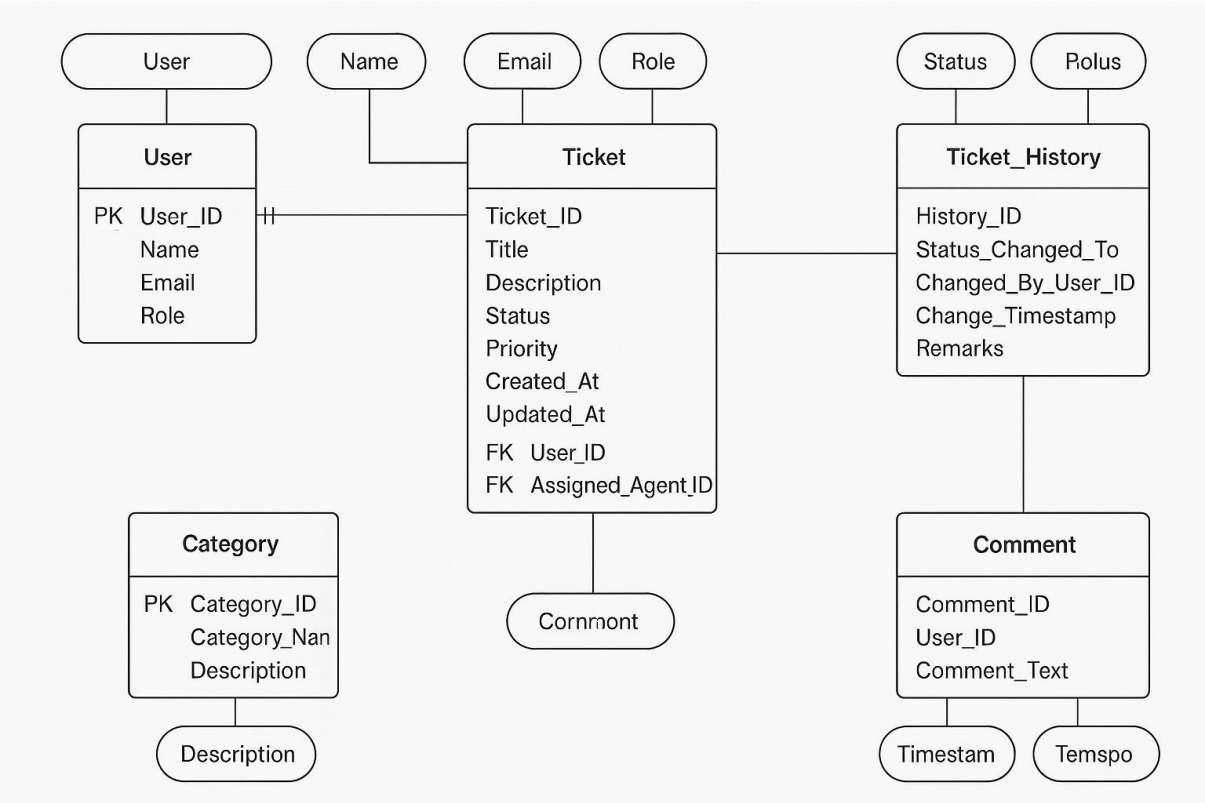
- Add/edit/delete products
- Manage orders
- Manage users
- View reports

4. Non-Functional Requirements

- **Usability:** User-friendly UI
- **Performance:** Load within 3 seconds
- **Security:** SSL encryption, secure login
- **Scalability:** Should support up to 1 lakh users
- **Availability:** 99.9% uptime

5. System Interface Requirements

- Payment gateway
- SMS/Email service provider
- Shipping partner API (optional)



4. User Story Shopping

User Story - 1	Task	Priority
AS A CUSTOMER I WANT TO REGISTER IN THE PORTAL SO THAT I CAN ORDER THE PRODUCTS		
BV	CP	
ACCEPTANCE CRITERIA Display registration screen with fields for username, password, email, mobile number, and address. Validate email and mobile number format. Click "Register" button to submit. Send successful registration notification via email.		

User Story - 2	Task	Priority
AS A CUSTOMER I NEEED TO LOGIN SO THAT I CAN MAKE PAYMENT		
BV	CP	
ACCEPTANCE CRITERIA Displays Login screen with field name Email and Password Clicks on Login Button System Should Validate the credentials. Displays Login Successfully		

User Story - 3	Task	Priority
As a Customer I need to search Products So that I can Select the Products		
BV	CP	
ACCEPTANCE CRITERIA There should be a Search bar in the App Customer start searching the products with specific keywords those products should be Displayed And also similar brands and Products should be Displayed		

User Story - 4	Task	Priority
As a Customer I need to add Products In Cart. So that I can Make Payment		
BV	CP	
ACCEPTANCE CRITERIA Customer Should Select the Products and Quantity Click on Add to cart Those Products Should Displays in the Cart		

User Story - 5	Task	Priority
As a Customer I need to add Products in the Wishlist So that I can Order them Latter		

BV	CP	
ACCEPTANCE CRITERIA Customer select the items and add it them to the Wishlist Those products should be added and displayed whenever the Customer sees		

User Story - 6	Task	Priority
AS a Customer I want to Make the Payment So that I can make payment of my choice		
BV	CP	
ACCEPTANCE CRITERIA Show the payment options, with those round things to pick one, and a payment button. Just one payment method, please!		

User Story - 7	Task	Priority
As a Customer I want to add Address So that I can track my order		
BV	CP	
ACCEPTANCE CRITERIA When Customer Click on add address. It should displays Name, Ph, Address -1, City , State , Pincode. Then Submit		

User Story - 8	Task	Priority
As a Customer I want to Track my Product so that I can estimate the Time of Delivery		
BV	CP	
Tracking ID or Order ID should Display in the app Tracking ID should sent via SMS or Email ID		

User Story - 9	Task	Priority
As a User I need to Add Prome code So that I can get the Discount		
BV	CP	
ACCEPTANCE CRITERIA		
- Display field to enter promo code at checkout. - Validate promo code and apply discount. - Show updated total amount.		

User Story - 10	Task	Priority
As a User I want to Cance the Order So that I can order other products		
BV	CP	
ACCEPTANCE CRITERIA Displays an option “Order Cancel” Send the Cancel information and Refund status via Notification, Email and SMS		

User Story - 11	Task	Priority
As a Customer I want to Make Payment By Cards So that I can Complete the Purchase		
BV	CP	
ACCEPTANCE CRITERIA Customer select the Payment Option “cards”. Systems Should Displays the Name Card No Exp date and CVV. Click on make payments The system should verify the credentials with FCH and OTP sent through Bank Customer should enter otp the system should verify the otp and Shows Done		

User Story - 8	Task	Priority
BV	CP	
ACCEPTANCE CRITERIA		