**Business Requirement Specification (BRS) Template**

Title: Paytm Home Page

Document Version: 1.0

Date: 7 November

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1. Introduction

* **Purpose**: Paytm allowing users to make payments for a wide range of services, including mobile recharges, utility bills, and more, Paytm to book tickets for flights, trains, buses, and hotels, providing a comprehensive travel booking platform
* **Scope**: This provides travel and bills, recharge, bill and financial services.
* **Background**: Paytm aims to provide users with seamless and convenient online experience on digital banking, travel, bill and recharge etc.

2. Business Objectives

* **Objective 1**: Travel Booking
* Provide the real time interface for the travel services.
* **Objective 2**: Business account management
* User should be able to Manage the accounts.
* **Objective 3:** Recharges
* User should be able to recharge.

3. Functional Requirements

* **Requirement 1**: Login
* Authentication mechanisms to ensure secure access to user accounts.
* **Requirement 2**: Ticket Booking
* User should be able to book tickets in trains.
* **Requirement 3**: Customer support
* Users should be able to connect with customer support.
* **Requirement 4**: Recharges
* Users can recharge their mobile, DTH, online Ott etc.
* **Requirement 5**: Paytm business account management
* User should be managing the account sign up and sign in.

4.Non-Functional Requirements:

* **Requirement 1**: Security
* Authentication: - Users should be securely authenticated and authorized to access their respective functionalities.
* Data Encryption: Sensitive information, such as payment details and personal data, should be encrypted during transmission and storage.
* **Requirement 2**: Performance
* Response Time: The system should respond to user requests   specified time frame.
* Scalability: The system should handle multiple concurrent users and manage bookings, bills and recharges.
* Availability: The system should be available 24/7.

5. Use Cases

* **Use Case 1**: User enables seamless digital transactions
* **Use Case 2**: Actor involved in each use case.

6. Constraints

* **Constraint 1**: Account Verification
* User should be able to select the account verification options like mobile number with opt verification.
* Email and password verification
* **Constraint 2**: Security
* Secure transmission of sensitive information using encryption.
* Multi-factor authentication for enhanced security.

7.Assumptions and Dependencies

* Dependency: Payment gateway
* User should be able to do payments smoothly while ticket booking, bills & recharges etc.

**Software Requirement Specification (SRS) Template**

Title: Paytm Home Page

Document Version: 1.0

Date: 7 November 2023

Prepared by: Indu Gaora

1. Introduction

* **Purpose**: The purpose of this document is to define the requirements for the Paytm website, outlining the functionalities, features, and constraints.
* **Scope**: The Paytm website will serve as a platform for users to perform online transactions, including mobile recharge, bill payments, and traveling.
* **Background**: The Paytm website is an online platform that allows users to manage their finances, make mobile recharges, pay bills, and engage in online shopping.

2. Functional Requirements

* **Requirement 1**: Login
* Authentication mechanisms to ensure access to user accounts.
* **Requirement 2**: Search trains
* User should be able to search trains.
* Search the source and destination, date and time for the trains.
* **Requirement 3**: Check PNR/Live Status
* User should be able to check the PNR Status.
* User should be able to Live location.
* **Requirement 4**: Filter trains
* User should be able to filter the trains to based up on the selected source and destination, date and time.
* **Requirement 5:** Book Ticket
* User should be able to book the train tickets smoothly.
* **Requirement 6**: Search Recharges
* User should be able to search for recharge options based up on mobile.
* **Requirement 7**: Mobile recharge
* Users can recharge their mobile phones by selecting the operator and entering the mobile number.
* **Requirement 8**: Business account Sign Up.
* Users can register for an account with valid personal information.
* Authentication mechanisms to ensure secure access to user accounts.
* **Requirement 9:** Business account Sign in.
* Users can register for an account with valid personal information.
* Authentication mechanisms to ensure secure access to user accounts.
* **Requirement 10:** Customer support
* User should be able to get customer assistance 24/7.

3.Non-Functional Requirements:

* **Requirement 1**: Security
* Authentication: - Users should be securely authenticated and authorized to access their respective functionalities.
* Data Encryption: Sensitive information, such as payment details and personal data, should be encrypted during transmission and storage.
* **Requirement 2**: Performance
* Response Time: The system should respond to user requests    // within a specified timeframe. //such as under 2 seconds for most operations.
* Scalability: The system should handle multiple concurrent users and manage bookings, bills and recharges.
* Availability: The system should be available 24/7.      //with minimal downtime, aiming for 99.9% uptime.

4. Use Cases

* **Use Case 1**: Users must authenticate to access their accounts securely.
* **Use Case 2:** Users must be able to search for trains using source, destination, date, and time parameters.
* **Use Case 3:** PNR and live status checks should be available.
* **Use Case 4:** The system should allow users to filter train options based on selected criteria.
* **Use Case 5:** Users must be able to search for recharge options based on their mobile operators.
* **Use Case 6:** Mobile recharge functionality should be available.
* **Use Case 7:** Business users should be able to sign up for an account with valid personal information.
* **Use Case 8:** Authentication mechanisms must ensure secure access to business accounts.
* **Use Case 9:** The system should provide 24/7 customer support though various channels.

5. System Architecture

* **Architecture Overview**: High Level Architecture overview

6. Constraints

* **Constraint 1**: Account Verifications
* User should be able to select the account verification options like mobile number with opt verification.
* Email and password verification
* **Constraint 2**: Security
* Secure transmission of sensitive information using encryption.
* Multi-factor authentication for enhanced security.

7.Assumptions and Dependencies

* Dependency: Payment gateway
* User should be able to do payments smoothly while ticket booking, bills & recharges etc.