FDFED-MID REVIEW

DOCUMENTATION

GROUP NUMBER – 17

GROUP MEMBERS:

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FDFED MID REVIEW:
TOURS (PACK UR BAGS)

RAHUL VARMA → INDEX PAGE, PAYMENT PAGE
CHARAN → SIGN IN, SIGN UP, BOOK
KAMAL → VIEW PLACES, HOTEL PAGES
ROHITH → PROFILE PAGE, EDIT PROFILE, EDIT PASSWORD
NIKHIL → MY TOURS AND TRANSACTION PAGE

Scope of the project:

Our project pack your bags is a web-based application that enables users to plan their trips and book tickets through existing network of travel agencies their application helps users to find information about different places and users can choose places of their interest and get an optimized plan for their trip and user's profile and interest are maintained in our database securely and finally when it comes to ticket booking ticket booking is done by our administrators using admin portal and billing details are directly sent to the customers from our accounting department.

1. Introduction

1.1 Purpose of Document

This is a requirements specification document for a new web-based application which will use all the web development technologies, but as per now we are using only the Front-End technologies that is HTML, CSS, JavaScript and a few more and will create a layout of this website and in future we will look forward to connecting Back end to this website to give it a complete website gesture. This document describes the scope, objectives, and goal of the new system. In addition to describing non-functional requirements, this document models the functional requirements with use cases, interaction diagrams, and class models. This document is intended to direct the design and implementation of the target system in an object-oriented language.

1.2 Project Summary

PROJECT NAME: PACK YOUR BAGS (PUB)

Overall, this project holds a website, just like a travel blog which we have named it as "**Pack Your Bag**". This website holds various tours of 10-15 days around the places in India and around the world's most fascinating and eye-catching places. Not only a trip for one sort of person but different trips according to the genre the people decide. Now-a-days travelers often look for reviews from others who have traveled, which is provided by this website completely with a tour guide of places to be visited.

1.3 Background

Travel agency:

A tour of 10-15 days around the places in India and around the world is going to be a travel blog, a web-based application that will allow all the people willing to explore the wanderlust in them full-fill their wishes. This application will host a tour of 10-15 days around the world's different countries and places in India, about places that people wish to visit telling them about what the sights of visit are, the lifestyle at different places in foreign countries and different places, the food they eat, the lavish and luxurious hotels people could stay in, the cultures and festivals the people around the world celebrate and much more.

There will be a login/sign-up page which will be optional for the visitors as per now and then there would be different traveling tours and the user might select as per their choice. Each tour will be of 10-15 days, so for each tour there will be a package of web pages containing information respectively. For each place there will be details of sights to visit, the stay and the overall cost of the tour.

There will be a page in each tour set giving details regarding the airlines to be taken. And another feature of this website will be a feedback page where you could read the reviews and rating given by travelers from all around the world and could post yours too. This blog will be a complete guide to the people who will be traveling to these places for the first time without any chaos, hustle or bustle.

1.4 Project Scope

The scope of this project is a web-based system that supports travel details and planning tours directly to customers as well as through the existing travel agent network. Advertising of products, inventory control, and account billing are not part of this project.

In addition, changes to the logical and physical design of the current databases are expected. The actual implementation of a new database system is not part of this project. A web search engine and language translator will be obtained as purchased components for the new system. Their internal details are not part of this project. Issues of website security, other than password protection within the site, are not part of this project.

1.5 System Purpose

1.5.1 Users

Customers:

Customers will find site navigation and the booking process easier. Customers will be able to choose whether to book directly from a website or work with our agents.

Customer Service Department:

The new system should reduce the workload of Customer Service as customers are able to find the information they need from the website.

Accounting Department:

Purchase information will be sent directly to accounting, allowing for more accurate and timely billing.

1.5.2 Location

The system will be available to any potential customer using the Internet. PUB employees may also use the system from any location and will be able to access restricted areas of the site through a password protection scheme

1.5.3 Responsibilities

BEST SERVICES:

- Top Destinations
- Food
- Accommodation
- Lifestyle
- Events

2. Functional Objectives

2.1 High Priority

Nowadays it is impossible to understand the world of travel and lifestyle of people around the world without the social network. Today's travelers look for experiences through travel blogs, which have become a source of inspiration for destination search and vacation planning.

This type of web application is a perfect space to discuss issues that find no place in printed media, criticize and rate the places. Moreover, these blogs bring in collaborations between the people, tourism business, destinations, airlines, hotels assuring the complete care of the customer. So, we are going to build one such website, with all the features mentioned above, reducing the search of travelers to one place which will give them all the details of the place they want to visit. Apart from just talking about the places, we will be using alluring and appealing photos and videos on our website hence creating a complete travel blog as well as implementing the skills we have learnt to develop the application.

2.2 Medium Priority

1. The website shall provide a search facility that will allow full text searching of all web pages that the user is permitted to access. The system must support the following searches:

    - ➢ To find all the best places to see in that place.
    - ➢ We provide the best Schedule for trips.
    - ➢ We Provide the best Hotel Accommodation and in time services.

2. This application hosts tour of 10 days around the world's different countries and different places in India. Here, we are having 12 tours depending on your interest

3. Non-Functional Objectives

3.1 Reliability

- The system shall be completely operational at least 70% of the time.
- Down time after a failure shall not exceed 2 hours.

3.2 Usability

- An agent should be able to use the system in his job after x days of training.
- A user who already knows what product he is interested in should be able to locate and view that page in 5 seconds.
- The number of web pages navigated to access product information from the top page should not exceed x.

3.3 Performance

- The system should be able to support x simultaneous users.
- The mean time to view a web page over a 56Kbps modem connection shall not exceed x seconds.
- The mean time to download and view and whitepaper in PDF format for a 56Kbps modem shall not exceed x seconds.

4. The Context Model

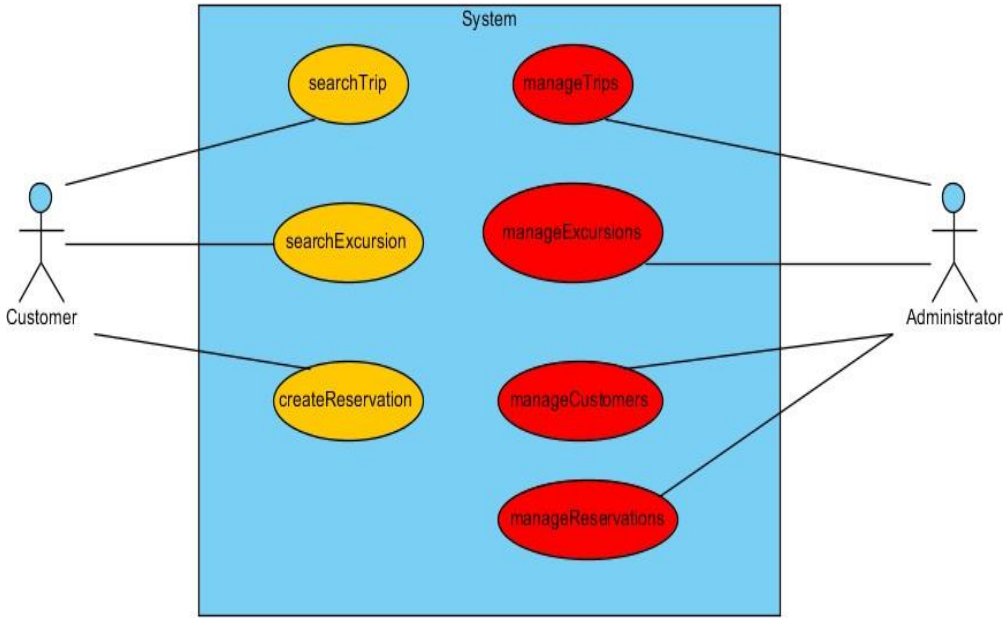
4.1 Goal Statement

The goal of the system is to allow my travel agency to increase sales revenue by 10% over the next 2 years with only a 5% increase in sales and customer service staff by

- allowing complete and accurate customer and booking information to be captured directly from the customer as well as from sales agents.
- providing customers and sales agents fast access to up-to-date and accurate product information and whitepapers.

4.2 Context Diagram

BASIC USE CASE DIAGRAM:



4.3 System Externals

Customer

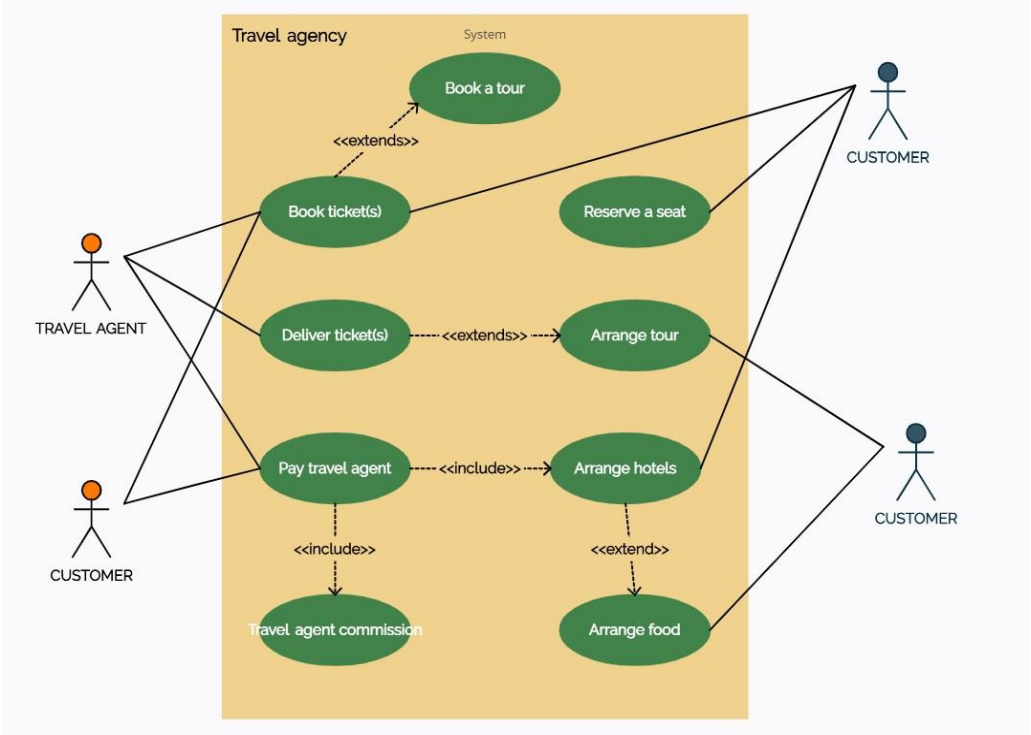
A customer is any user of the system that has not identified himself as a PUB employee. A customer may search for public product information by keyword, access whitepapers for a particular product, order a product or request assistance from a sales agent. A customer who provides personal information will get search and query results customized to his preferences.

Accounting

The Accounting department is responsible for all PUB financial transactions. The Accounting department is informed of all purchases and is responsible for later collection of accounts receivable.

5. The Use Case Model

5.1 System Use Case Diagram



5.2 Use Case Descriptions (for selected cases)

Notes:

- For all use cases, the user can cancel the use case at any step that requires user input. This action ends the use case. Any data collected during that use case is lost.
- For all use cases that require a logged in user, the current login session is updated during the use case to reflect the navigation paths through the use case.

Login User:

Use Case Name:	Login User
Summary:	In order to get personalized or restricted information or do transactions a user must login so that the system can determine his access level.
Basic Flow:	1. The use case starts when a user indicates that he wants to login. 2. The system requests the username and password. 3. The user enters his username and password. 4. The system verifies the username and password against all registered users. 5. The system starts a login session and displays a welcome message based on the user's preferences.

Alternative Flows:	Step 4: if the username is invalid, the use case goes back to step 2. Step 4: if the password is invalid the system requests that the user re-enter the password. When the user enters another password the use case continues with step 4 using the original username and new password.
Extension Points:	none
Preconditions:	The user is registered.
Postconditions:	The user can now obtain data and perform functions according to his registered access level.
Business Rules:	Some data and functions are restricted to certain types of users or users with a particular access level.

Register User:

Use Case Name:	Register User
Summary:	In order to get personalized or restricted information, i.e., book tickets for tours or do other specialized transactions a new user must register a username and password.
Basic Flow:	1. The use case starts when a user indicates that he wants to register. 2. The system requests a username and password. 3. The user enters a username and password. 4. The system checks that the username does not duplicate any existing registered usernames. 5. The system requests for name (*), city, phone(*) and email address. Items marked by (*) are mandatory. 6. The user enters the information. 7. The system determines the user's location and access level and stores all user information. *8.* The system executes use case *Register Preferences.* 9. The system starts a login session and displays a welcome message based on the user's preferences.

Alternative Flows:	• Step 4: If the username duplicates an existing username the system displays a message and the use case goes back to step 2. • Step 5: If the user does not enter a required field, a message is displayed and the use case repeats step 4.
Extension Points:	*Register Preferences*
Preconditions:	none
Postconditions:	The user can now obtain data and perform functions according to his registered access level.
Business Rules:	• Access levels are ◦ 0: A user can only book tickets or request to plan tours (Personalized data can be modified) ◦ 1: The user can access data and modify the data of customers (access to restricted data) • The default access level is 0.

Register Preferences:

Use Case Name:	Register Preferences
Summary:	This use case allows a registered user to enter or change his preferences.
Basic Flow:	1. The use case starts when a user indicates that he wants to enter or modify his preferences. 2. The system displays all current product lines. It indicates any product lines that the user has currently selected. 3. The user selects/deselects product lines. 4. The system displays current language preferences. It indicates the language preference currently selected. 5. The user may select a different language preference. 6. The system stores any change to language preference.
Alternative Flows:	none
Extension Points:	none
Preconditions:	The user is logged in.

Postconditions:	The system can customize a welcome message based on the user's revised preferences.
Business Rules:	Language selections allowed are English (default), Hindi, Telugu and Tamil.

Charge Customer:

Use Case Name:	Charge Customer
Summary:	This use case charges the customer according to his/her requests from the credit card.
Basic Flow:	1. The use case begins when a user selects "Book your tour" which is redirected to payment options 2. The use case requests user to select a payment option 3. The system requests the credit/debit card number, type and expiration date or other payment details. 4. The user enters the information. 5. The system verifies that the credit card is valid for the amount to be charged and completes the credit card transaction.

	6. The system stores the payment details and returns a payment confirmation message and tickets.
Alternative Flows:	Step 4: If the credit card cannot be validated the use case ends, returning a failure message
Extension Points:	none
Preconditions:	The system is executing a use case when the user books a tour.
Postconditions:	The customer has been charged for the travel and ticket booking.
Business Rules:	Credit cards accepted are Visa, MasterCard and Discover.

Request Assistance:

Request Assistance

Use Case Name:	Request assistance
Summary:	This use case allows anyone using the web site to request a contact from the helpline center.
Basic Flow:	1. The use case starts when the customer asks for assistance. 2. The system displays all services provided for the customer to type a (optional) question and FAQs. 3. The customer selects the service he is interested in and may enter a question. 4. The system asks for a name, phone number. 5. The customer enters name, phone number. 6. The system selects a helpline executive based on the customer's request selected in step 3. 7. The system displays a message informing the customer of which executive will be in contact. 8. The system sends the requested information to the selected executive. It stores the request information for registered customers.

Alternative Flows:	Step 4: If the customer is registered and has previously provided his name, phone number the use case skips to Step 6. Step 6: If the customer is registered and has previously been assisted by an executive, then the same executive is selected.
Extension Points:	none
Preconditions:	none
Postconditions:	The executive would be given the customer's contact information.
Business Rules:	Customers are assigned to an executive as per the request of the customer. If there are more than one executives, the one with the fewest customer assistance requests is selected. That executive continues to be assigned to that customer for any future requests. The actual contact between the executive and the customer is outside the system.