



Holiday Planner

Business Requirements Document

V1.0

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1.0 Introduction

1.1 Purpose of this document

This document is aimed at:

- Providing the necessary inputs to the detailed requirements gathering phase and further on for the SDLC processes.
- This document also serves to establish the traceability between the Business Objectives and the requirements identified in the proposed solution and how they satisfy the stated objectives.
- Provide expectation traceability in terms of the requirements and the user expectation
- Serves as a formal template for documenting the Business Requirements which also includes statutory and regulatory requirements.

The purpose of this document is to systematically capture the requirements of the project and the system to be developed. The document also captures the Functional requirements and serves as an input for the scope of project.

1.2 Project Overview

1.2.1 Objectives

Below are the objectives that shall be fulfilled post the execution of this project:

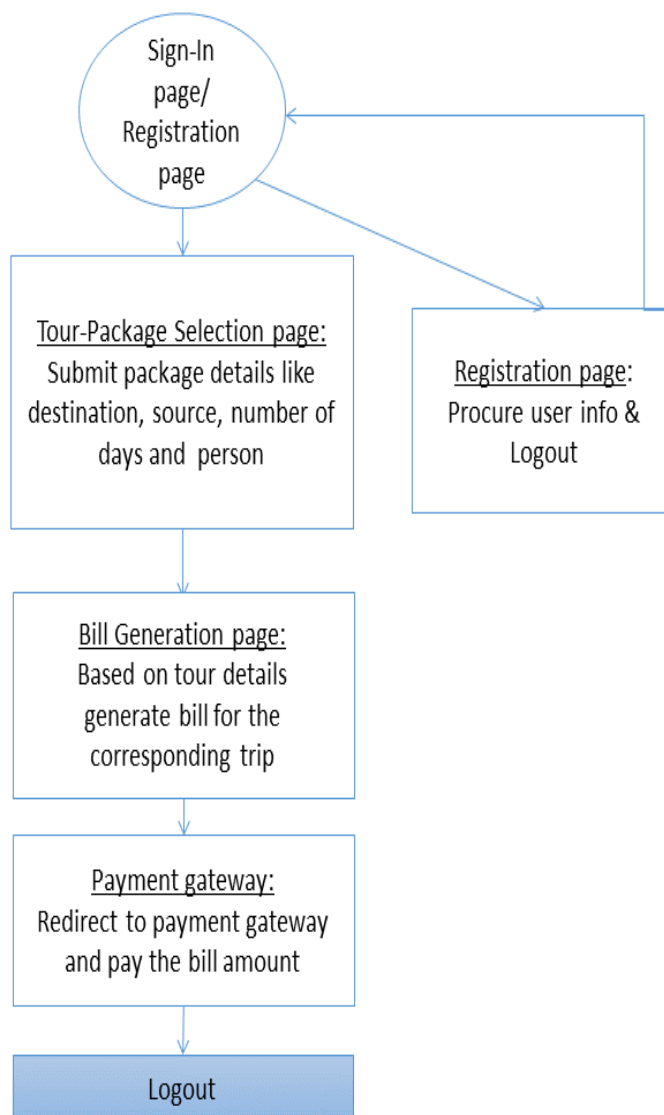
- User registration & credential authentication
- Selection of different holiday packages(Customized/Manual)
- Cost of package and bill generation
- Secured payment gateway for paying the bill amount

1.3 Intended Audience

- Interns/Project Team
- Mentors and SME's
- Delivery assurance/excellence group

2.0 Process Architecture

Below is the overall functional flow of the project including the components of interaction



3.0 High Level Business Requirements

Note - Primary focus is to complete developing the critical requirements (highlighted in Yellow) and then to proceed with the remaining requirements.

S.No.	Business Requirement ID	Short Description	Description in detail	Interacting Business Processes
1	Req_1	User Registration	Ability of the system to procure the fundamental details of the user	
2	Req_2	User Authentication	Ability of the system to authenticate the user credentials of the registered user	
3	Req_3	Tour Details	Ability of the system to procure the details of the tour package	
4	Req_4	Bill Generation	Ability of the system to generate the bill of corresponding tour	
5	Req_5	Payment	Ability of the system to redirect to a secure payment gateway for bill payment	

4.0 Detailed Business Requirements

4.1 Functional Requirements

The functional requirements are charted for each of the high level requirements called out in the earlier section:

Additionally, the following elements should be captured for each business requirement in the table provided below:-

* Req. Type = (F Core Functionality, E Exception, UI User Interface, R Reporting)

** Priority of Requirement = (1=Base Functionality, 2=Advanced Functionality,
3=Additional Opportunities)

** Originator = (Name of the business process of the system/ department or function
name in the customer organization)

The Requirements in this document are prioritized as follows:

Value	Rating	Description
1	Critical	This requirement is critical to the success of the project. The project will not be possible without this requirement.
2	High	This requirement is high priority, but the project can be implemented at a bare minimum without this requirement.
3	Medium	This requirement is somewhat important, as it provides some value but the project can proceed without it.
4	Low	This is a low priority requirement, or a "nice to have" feature, if time and cost allow it.
5	Future	This requirement is out of scope for this project, and has been included here for a possible future release.

Req. #	Rationale Categorization	Business Requirement	Req. Type *	Priority **	Originator ***	BR Traced to Business Requirement / Use case ID	Impacted Stakeholders
1.1	User Registration	User needs to fill some of the basic attributes/fields as mentioned below in requirement: First Name, Last Name, Age, Gender, Contact Number, Email id, Password	UI	Critical	NA	Req_1	Please refer to Table 1.0 under References
Req_1.2	User Registration	Clicking 'Submit' should validate the datatype constraints for each field	F	Critical	NA	Req_1	
Req_1.3	User Registration	User failing to provide information on the mandatory fields be provided with an alert message – 'Please update the highlighted mandatory field(s)'. Also, highlight the missed out field in red	E	Medium	NA	Req_1	
Req_1.4	User Registration	Post-successful field level validation, save the information in the database	F	Critical	NA	Req_1	
Req_1.5	User Registration	Upon saving the information in the database, display the message 'Your details are submitted successfully'.	E	Medium	NA	Req_1	

Req. #	Rationale Categorization	Business Requirement	Req. Type *	Priority **	Originator ***	BR Traced to Business Requirement / Use case ID	Impacted Stakeholders
Req_2.1	Credential Authentication	A registered user – is able click 'Login' link, after keying in 'Email ID' & 'Password' field and get his credentials authenticated with the existing database entry.	F	Critical	NA	Req_2	
Req_3.1	Tour Details	User is able to access the tour package selection page post the successful validation of the user credentials	F	Critical	NA	Req_3	
Req_3.2	Tour Details	User needs to fill some of the basic attributes/fields as mentioned below in requirement: source,destination, starting date,ending date ,number of tourists	F	Critical	NA	Req_3	Please refer to Table 2.0 under References
Req_3.3	Tour Details	Clicking 'Submit & Generate Bill' should validate the datatype constraints for each field as specified in the table above	F	Critical	NA	Req_3	
Req_3.4	Tour Details	User failing to provide information on the mandatory fields be provided with an alert message – 'Please update the highlighted mandatory field(s).' Also, highlight the missed out field in red	F	Medium	NA	Req_3	
Req_3.5	Tour Details	Fields – starting date and ending date are date fields and source and destination are dropdowns, Check needs to be enforced that the values are following the below condition 1) [endingdate] > [starting date] 2) [source] != [destination]	F	Critical	NA		

Req. #	Rationale Categorization	Business Requirement	Req. Type *	Priority **	Originator ***	BR Traced to Business Requirement / Use case ID	Impacted Stakeholders
Req_3.6	Tour Details	For the two date fields, the user failing to provide values which satisfies the previously mentioned condition will display a message 'Please enter valid starting and ending dates'	F	High	NA		
Req_3.7	Tour Details	For source and destination fields, the user failing to provide valid values will be displayed as message 'Please enter correct source and destination'	F	High	NA		
Req_3.8	Tour Details	Post-successful field level validation, save the information in the database	F	Critical	NA		
Req_4.1	Bill Generation	Tourist Bill generation should follow the below algorithm. Refer Remarks column.	F	Critical	NA	Req_4	Please refer to Algorithm under References
Req_4.2	Bill Generation	The generated Bill should specify the customer name, starting date, ending date, source, destination, number of tourists and total cost of the tour.	F	High	NA	Req_4	
Req_4.3	Bill Generation	After clicking the proceed button the user will be redirected to payment gateway and the corresponding bill details will be stored in database.	F	Critical	NA	Req_4	
Req_4.4	Bill Generation	Provide an option for the user to Print the bill.	F	High	NA	Req_4	
Req_5.1	Payment	The user will pay the corresponding bill amount through the gateway and he/she will have different options to pay the amount like Credit card, debit card, upi.	F	Critical	NA	Req_5	

Req. #	Rationale Categorization	Business Requirement	Req. Type *	Priority **	Originator ***	BR Traced to Business Requirement / Use case ID	Impacted Stakeholders
Req_5.2	Payment	Upon selection of the mode of payment different files will come for different options and user will fill those files	F	Critical	NA	Req_5	
Req_5.3	Payment	After successful payment the user will be displayed a success message that 'Payment is successful' and the status of the bill should be changed from 'pending' to 'paid' in the database.	F	Critical	NA	Req_5	
Req_5.4	Payment	Provide an option for the user to Print the bill.	F	Critical	NA	Req_5	

5.0 References

5.1 Table 1.0

Field Name	Field Type	Data Type	Mandatory	Possible Values
First Name	Text(50)	Alphabetic	Yes	
Last Name	Text(50)	Alphabetic	Yes	
Age	Numeric(2)	Numeric	Yes	
Gender	Drop Down	NA		Male, Female
Contact Number	Text(10)	Numeric	No	
Email Id	Text(15)	Alphanumeric	Yes	
Password	Text(15)	Alphanumeric	Yes	

5.2 Table 2.0

Field Name	Field Type	Data Type	Mandatory	Possible Values
First Name	Text(50)	Alphabetic	Yes	
Last Name	Text(50)	Alphabetic	Yes	
Age	Drop Down	NA	Yes	18-120
Gender	Drop Down	NA		Male, Female
Contact Number	Text(10)	Numeric	Yes	
Email ID	Text(15)	Alphanumeric	Yes	Non-editable system generated

Address	Scrolling text box(100)	Alphanumeric	No	
City	Text(50)	Alphabetic	Yes	
Zip Code	Text(10)	Numeric	Yes	
Source	Drop Down	Alphabetic	Yes	
Destination	Drop Down	Alphabetic	Yes	
Starting Date	Date	Date	Yes	
Ending date	Date	Date	Yes	
Number of Tourists	Text(5)	Numeric	Yes	Less than 10

5.3 Algorithm

Number_of_days= Ending date - Starting date

Total Cost= (value of cost in source_destination table) * Number_of_tourists * Number_of_days

6.0 Terms and conditions

Interns shall be solely responsible for all its acts and omissions under this program. Interns will comply at all times with all applicable laws. Interns shall not use Cognizant's name, logo and trademark in any promotional materials or other communications with third parties without the prior written consent of Cognizant. Any materials used by interns in relation to program will not infringe the copyrights, trademarks, patents, trade secrets or other intellectual property rights, privacy or similar rights of any person or entity. Interns agrees not to post, draw, make, display any content that is threatening, libelous, obscene, defamatory, abusive, pornographic, or advocates/encourages any conduct that could constitute a criminal offence or give rise to any civil liability. Cognizant its associates' personal details including but not limited to name, address, contact number shall not be shared or forwarded to any third party, without prior written consent of Cognizant, its associates. All intellectual property provided by Cognizant as part of program shall be owned exclusively by Cognizant. Intern shall indemnify, defend and indemnify Cognizant its associates, officers, directors from and against any claims, demands, loss, damage, liability, causes of action, judgments, or costs and expenses of every nature (including attorney's fees and expenses) incurred by Cognizant based on any claim that any breach of terms and conditions of this program.

7.0 Change Log

Version Number	Changes Made
V1.0.0	Initial baseline created on <dd-Mon-yy> by <Name of Author>
Vx.y.z	<Please refer the configuration control tool / change item status form if the details of changes are maintained separately. If not, the template given below needs to be followed>

	Section No.	Changed By	Effective Date	Changes Effected

