**Holiday Planner Business Requirements Document**

**V1.0**

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| **Signature** |  |  |  |
| **Date** |  |  |  |

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# Introduction

## 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.

## Project Overview

### Objectives

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

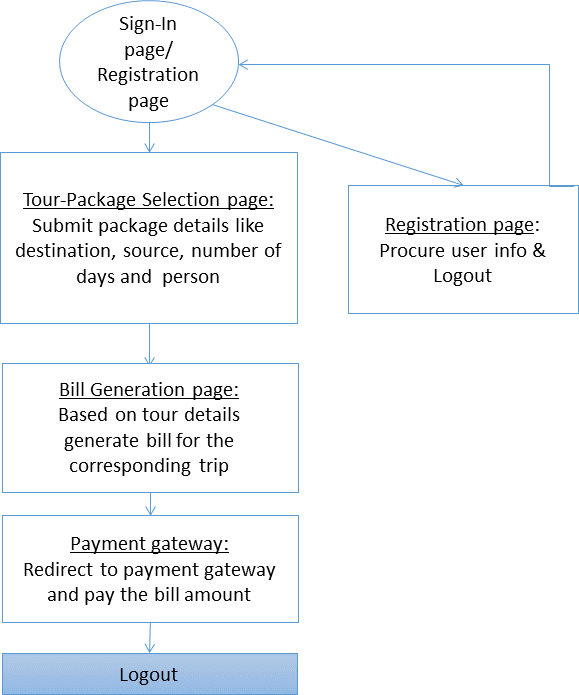
* + - * User registration & credential authentication
      * Selection of different holiday packages(Customized/Manual)
      * Cost of package and bill generation
      * Secured payment gateway for paying the bill amount

## 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.

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| **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 |  |

# Detailed Business Requirements

## 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. |

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| **Req. #** | **Rationale Categorizati**  **on** | **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 |  |

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| **Req. #** | **Rationale**  **Categorizati on** | **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]   1. [source] != [destination] | F | Critical | NA |  |  |

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| **Req. #** | **Rationale**  **Categorizati on** | **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 gateaway and he/she will have different options to pay the amount like Credit card,debit  card,upi. | F | Critical | NA | Req\_5 |  |

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| **Req. #** | **Rationale**  **Categorizati on** | **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 fileds will come for different options and user will fill  those fileds | F | Critical | NA | Req\_5 |  |
| Req\_5.3 | Payment | After successful payment the user will be displayed a success message that ‘Payment is successfull’ and the status of the bill should be changed from ‘pending’ to ‘paid’ in the  datatbase. | F | Critical | NA | Req\_5 |  |
| Req\_5.4 | Payment | Provide an option for the user to Print the bill. | F | Critical | NA | Req\_5 |  |

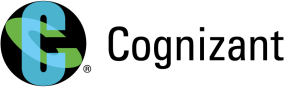
# References

## 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 |  |

## 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 |



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| Release Id : QTAD-BREQ / 1.4.0 / 13-Jul-2016 | | |
| C3: Protected | Project ID : <Project ID> | <SCI.ID. > / Ver: <Ver No.> | 9 of 11 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 |

## 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> |

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| --- | --- | --- |
| Release Id : QTAD-BREQ / 1.4.0 / 13-Jul-2016 | | |
| C3: Protected | Project ID : <Project ID> | <SCI.ID. > / Ver: <Ver No.> | 10 of 11 |

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| --- | --- | --- | --- | --- |
|  | **Section No.** | **Changed By** | **Effective Date** | **Changes Effected** |
|  |  |  |  |

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| Release Id : QTAD-BREQ / 1.4.0 / 13-Jul-2016 | | |
| C3: Protected | Project ID : <Project ID> | <SCI.ID. > / Ver: <Ver No.> | 11 of 11 |