A blue heart and leaf on a black background

Description automatically generated

**Business Requirements Document**

*for*

**GALA:**

**A Travel Guide for You**

**Version 2.0**

*Prepared for*

**CEBU INSTITUTE OF TECHNOLOGY - UNIVERSITY**

**Mr. Frederick Revilleza**

A logo of a company

Description automatically generated

*Prepared by*

Magno, Franco Sebastian

Lacanglacang, Nick Carter

Paden, Arnel

September 2024

**Table of Contents**

1. DOCUMENT REVISION LOG 1

2. DOCUMENT REVIEWERS 1

3. APPROVER & SIGNOFF 1

4. INTRODUCTION (ANALYSIS DESCRIPTION) 3

4.1 DOCUMENT PURPOSE 3

4.2 DOCUMENT SCOPE 3

4.3 DOCUMENT INTENDED AUDIENCE 4

4.4 BUSINESS ANALYSIS APPROACH 4

4.5 REQUIREMENTS QUALITY ASSURANCE 5

4.6 INFORMATION REFERENCES 5

4.7 DEFINITIONS, ABBREVIATIONS & ACRONYMS 6

5. BUSINESS REQUIREMENTS (OPPORTUNITY) 7

5.1 PROJECT BACKGROUND 7

5.2 SCOPE STATEMENT 7

5.3 BUSINESS REQUIREMENTS PURPOSE 7

**List of Tables**

Table 1 Document Revision Log

Table 2 Document Reviewers

Table 3 Client Acceptor (Project Sponsor)

Table 4 Document Audience

Table 5 Information References

Table 6 Terms, Acronyms & Abbreviations

**1. DOCUMENT REVISION LOG**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Author** | **Version** | **Reason for Change** |
| 09-23-2024 | Paden, Arnel  Lacanglacang, Nick Carter  Magno, Franco Sebastian | 2.0 | Template |

***Table 1****. Document Revision Log*

**2. DOCUMENT REVIEWERS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name & Title** | **Role** | **Approval Date** | **Version** |
|  |  |  |  |

***Table 2****. Document Reviewers*

**3. APPROVER & SIGNOFF**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name & Title** | **Role** | **Approval Date** | **Version** |
|  |  |  |  |
| **Signature** |  | | |

***Table 3****. Client Acceptor (Project Sponsor)*

**4. INTRODUCTION (ANALYSIS DESCRIPTION)**

**4.1 DOCUMENT PURPOSE**

The purpose of the Business Requirements Document (BRD) is to present the stakeholder requirements for the GALA application clearly, accurately, and in a technology-independent manner. This information has been gathered and documented by the Business Analysis team during the Analysis phase of the project. The BRD uses business language to describe the user requirements, making it the definitive specification for the design and development phases, as well as the basis for User Acceptance Testing (UAT). The document is intended for all stakeholders responsible for the management and execution of the GALA project, including business users, user representatives, sponsors, and other interested parties.

**4.2 DOCUMENT SCOPE**

This BRD describes the business needs of stakeholders for the GALA application. The scope includes detailing the application's primary users, data relationships, event-response mechanisms, business policies, and processes that drive the system. The signed and approved version of this document will guide the subsequent phases of the project, from design through development.

This document intends to define and describe the:

• Business requirements,

• User requirements,

• Use cases that support the business processes,

• User profiles and locations,

• Business processes and rules,

• Functional requirements,

• Non-functional requirements,

• Data requirements,

• Requirements baseline and traceability,

• Future considerations,

This document does not include:

• Technical and design specifications – these will be provided in the next phase of the project as part of the system design documentation

• Descriptions of functionality, interfaces or requirements of processes outside of the business area

• Detailed analysis of requirements related to other applications, and

• Out of scope requirements

**4.3** **DOCUMENT AUDIENCE**

|  |  |
| --- | --- |
| **Document Audience** | **Location** |
| Mr. Frederick Revilleza | Cebu Institute of Technology-University |

***Table 4****. Document Audience*

**4.4 BUSINESS ANALYSIS APPROACH**

The objective of the Analysis phase was to document the business's list of requirements and provide detailed supporting documentation to guide the subsequent phases of the project. This included reviewing existing travel applications and identifying new or modified requirements unique to GALA.

The approach included:

• Business analysis planning and monitoring

• Elicitation

• Requirements management and communication

• Requirements analysis

• Solution assessment and validation

The inputs to this phase included:

• Business Case

• Master Project Plan

• Project Charter

• Business Analysis Work Plan

**4.5** **REQUIREMENTS QUALITY ASSURANCE**

The purpose and objective are to ensure that the application system is good, functional, complete, and accurate for development. With this, it should meet the standard business and user requirements necessary for the completion of GALA. The following will be reviewed to ensure the verification of the requirements that need to be met:

**Business Case Synchronicity Check:** The Sponsor has identified the criteria clearly fort the validation of the project’s success, making sure that the business case is aligned with the objectives and expected outcome.

**Requirements Document Evaluation:**The document is assessed at a business context level. It is to confirm that is has been comprehended, given relevance, and value for understanding and guiding the project to the objective (the stakeholder’s need).

**Requirements Content Review:**Each individual requirement statement, and the relationships in between, are examined to have some certainty that it is unambiguous, clear, valid, and in lined with the main objective and project goals.

**4.6 INFORMATION REFERENCES**

This section provides a comprehensive list of all the applicable reference documents utilized throughout the development and planning of the GALA project. These documents contain vital information that supports the business requirements, scope, and overall direction of the project.

|  |  |  |  |
| --- | --- | --- | --- |
| **Document Name** | **Author** | **Date** | **Version** |
| Google Maps Platform Documentation | Google Developers | 2023 | Latest |
| Location-Based Services: Fundamentals and Operation | Jochen Schiller, Agnès Voisard | 2020 | 2nd Edition |
| Don't Make Me Think: A Common Sense Approach to Web Usability | Steve Krug | 2020 | 3rd Edition |
| Prototyping User Experience | Quincy Smith | January 7, 2019 | - |
| Map Navigation Using Hand Gesture Recognition: A Case Study Using MYO Connector on Apple Maps | Mithileysh Sathiyanarayanan,  Tobias Mulling | August 21, 2015 | Volume 58 |

***Table 5.*** *Information References*

**4.7 DEFINITIONS, ABBREVIATIONS, AND ACRONYMS**

|  |  |
| --- | --- |
| **Name** | **Definition** |
| GALA | A Tagalog term for “travel”, which means to go from one place to another. |
| Map | a diagrammatic representation of an area of land or sea showing physical features, cities, roads, etc. |
| BRD | Business Requirements Document, which is a report detailing everything a new project requires for success |

***Table 6.*** *Terms, Acronyms, and Abbreviations*

**5. Business Requirements (Opportunity)**

**5.1** **Project Background**

The proposed solution, **GALA**, is a location-based travel companion application tailored to enhance the travel experience in Cebu Province, Philippines. Currently, travelers—both local and international—rely on fragmented tools for planning, navigating, and discovering attractions. These tools often lack integration, real-time updates, or offline functionality, creating a gap in delivering a seamless, informed, and accessible travel experience.

**As-Is State**: Travelers face challenges in obtaining real-time travel updates, navigating efficiently, and receiving tailored recommendations for local attractions. The available systems are often disjointed, with no unified solution offering real-time weather alerts, traffic information, and local event calendars.

**To-Be State**: GALA aims to consolidate all essential travel services into a single, user-friendly mobile application. By leveraging GPS, real-time data, and offline map access, GALA will provide a cohesive, reliable, and personalized travel experience. Travelers will be able to receive up-to-the-minute updates on weather, traffic, and local events while navigating Cebu Province’s diverse landscapes with ease, thus aligning with the overarching corporate goal of enhancing user engagement and promoting tourism in the region.

**5.2 Scope Statement**

**5.2.1 In Scope**

The GALA project will deliver the following high-level features and functionalities:

* Location-Based Recommendations: Personalized suggestions for nearby attractions, dining spots, and cultural experiences within a 5-kilometer radius from the user’s location or based on specific input (address, city, or municipality).
* Real-Time Travel Alerts: Integration of real-time updates on weather, traffic, and local events, keeping travelers informed and helping them adjust their plans accordingly.
* GPS-Based Navigation: Real-time navigation services leveraging Google Maps to offer route suggestions and turn-by-turn directions, with offline map functionality for areas with limited or no connectivity.
* Offline Access: The ability to download maps for specific areas of Cebu Province and access them offline to ensure smooth navigation even without an active internet connection.
* User Registration and Profile Management: Secure user registration, login, and profile management. This feature will enable saving travel preferences, past itineraries, and personalizing the app experience.
* Local Event Calendar: A comprehensive calendar showcasing upcoming events in Cebu Province, allowing users to discover and set reminders for festivals, concerts, markets, and other local activities.

**5.2.1 Out of Scope**

The following items are explicitly out of scope for the GALA project:

## **International Travel Features**: The app will focus solely on attractions and recommendations within Cebu Province, excluding global destinations or services.

## **Social Networking Functions**: GALA will not include social media-style features, such as connecting users, posting travel updates, or sharing experiences within the app.

## **Non-Travel-Related Services**: Services such as hotel booking, flight scheduling, and car rentals will not be part of the initial project scope.

**5.3 Business Requirements Purpose**

The purpose of this Business Requirements Document (BRD) is to define the business needs and expectations for the development of GALA. This document will serve as the foundation for:

* **New Application Development**: GALA is a brand-new application aimed at providing travelers with a complete, real-time travel guide solution.
* **Major Enhancements to Existing Solutions**: This application will incorporate major improvements over the currently available fragmented travel services, integrating them into one cohesive solution.

This BRD will guide the design, development, and user acceptance testing phases, ensuring that the project delivers a comprehensive, user-centered travel application.