**Use Case Template**

**Project Name: Project ID: Executive Sponsor: Project Manager: Business Analyst:**

Date: September 12, 20

**Table of Contents**

**APPROVALS ……………………………………………………………………………………………………..…4**

**USE CASE LIST ……………………………………………………………………………………….………..….5**

**1 FEATURE NAME (EXAMPLE: ATM TRANSACTION) ……..…………………………………...….….….5**

1.1 FEATURE PROCESS FLOW / USE CASE MODEL …………………………………………….5

1.2 USE CASE(S) …………………………………………………………………………………..……5

**2 FEATURE NAME (REPEAT FOR EACH USE CASE) ……………………………………………………..7**

2.1 FEATURE PROCESS FLOW / USE CASE MODEL …………………………………………….7

2.2 USE CASE(S) ………………………………………………………………………………………..7

Revision History

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Revision Description** |
| .01 |  |  |
| .02 |  |  |
| .03 |  |  |
| .04 |  |  |
| 1.0 |  | Approved Use Case |
|  |  |  |
|  |  |  |

**Approvals**

We have carefully assessed the Use Cases for this project. This document has been completed in accordance with the requirements of the System Development Methodology.

MANAGEMENT CERTIFICATION - Please check the appropriate statement.

the document is accepted.

the document is accepted pending the changes noted.

the document is not accepted.

We fully accept the changes as needed improvements and authorize initiation of work to proceed. Based on our authority and judgment, the continued operation of this system is authorized.

(\*=Required \*\*= Submit for Review Approval Not Required)

Executive Sponsor\*\* DATE

Project Sponsor\* DATE

Quality Assurance Manager / Team Lead\* DATE

Business Analyst Manager / Team Lead\* DATE

Project Manager DATE

**Use Case List**

|  |  |  |
| --- | --- | --- |
| Use Case ID | Primary Actor | Use Cases |
| UC-1.2.1 | User |  |

**1 Feature Name:** Search Map for Tag(s)

* 1. **Feature Process Flow / Use Case Model**
  2. **Use Case(s)**

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID: | UC-1.2.1 | | |
| Use Case Name: | Search Map by Tag(s) | | |
| Created By: | Brandon Donahue | Last Updated By: | Brandon Donahue |
| Date Created: | 9/24/2018 | Last Revision Date: | 9/24/2018 |
| **Actors:** | Primary: User | | |
| **Description:** | This case is for the event that a user wants to search the map for one or more of the tags the system provides to the user to describe an occurrence. | | |
| **Trigger:** | A user interacts with the search feature on the map. | | |
| **Preconditions:** | 1. User is on the map interface | | |
| **Postconditions:** | Success Guarantees:   1. User is given a list of occurrences marked with the tags they chose | | |
| **Normal Flow:** | 1. User selects “search” function on the occurrence map  2. User begins selecting tags from a predetermined list of tags  3. When the user has selected all the tags they wish, they confirm their search  4. The user is then shown all of the occurrences with their given tags in a certain area around the user. | | |
| **Alternative Flows:**  **[Alternative Flow 1 – User did not select any tags]** | 3a. In step 3 of the normal flow, if a profile exists with the given email  1. System will tell the user they must select at least one tag  2. Use Case resumes on step 2 of normal flow. | | |
| **[Alternative Flow 2 – No occurrences found with specified tags]** | 4a. In step 4 of the normal flow, if the database does not contain any occurrences with the specified tags.  1. System informs user there are no occurrences matching their search criteria.  2. Use case terminates | | |
| **Exceptions:** | N/A | | |
| **Includes:** | N/A | | |
| **Frequency of Use:** | High Volume throughout the lifetime of the product | | |
| **Special Requirements:** | 1. Ability to interface with the database frequently | | |
| **Assumptions:** |  | | |
| **Notes and Issues:** | 1. List of tags TBD  2. Radius to search TBD | | |