

Software Requirements Specification   
for the Development of

**Date:**

**Ref #**:

**Author:**

**Customer:**

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**Document Approval**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Company** | **Position** | **Signature** | **Date** |
| Mariama Cham | **InSIST Global**  (Service Provider) | Software Engineer Intern |  | 1st November 1, 2023 |
|  |  |  |  |  |

# Introduction

This document should be used after a client has confirmed interest in purchasing an InSIST software Package. Use this document to collect all requirements (including customizations). It will gauge the level of work to be conducted and its content will be used for contract signing

## References

*List any documents, site or individuals to which this SRS refers (such as contracts and PID). Provide enough information so that the reader could access a copy of each reference, including title, description and document reference number.*

|  |  |  |
| --- | --- | --- |
| **Name/Title** | **Description** | **Ref. #** |
| Fatou Dibba | Product Engineer |  |
|  |  |  |

## Product Scope

Provide a short description of the software to be deployed; its purpose, the problem being addressed, and relevant client benefits.

**Name of Solution: Weather Web application**

**Product Description: Weather app that the user can search for weather of a city.**

|  |
| --- |
| **Why do they need the system?** |
| They need it to access accurate and real-time weather information of their location and places of interest. |
| **What are the current process constraints/limitations they would want to change?** |
| Search weather on search engines |
| **Intended users and how many?** |
| Insist workers  40 users |
| **What do they intend to achieve from the system?** |
| Users of a weather app aim to check the current weather, plan their day, and stay safe in different situations like travel, outdoor activities, and work. The app helps users make informed decisions based on weather data. |
| **Can the solution solve the clients issues? (this is for internal use)** |
| Yes |
| **Actions needed to improve system to meet clients goal (this is for internal use)** |
| Make research on weather app features to optimize the weather app and make it user friendly |

# Overall Description

## Product Functions

Provide a high level summary list on the major functions of the software to identify the groups of related requirements.

## User Classes and Characteristics

This section shows the expected system users and their characteristics

|  |  |
| --- | --- |
| **User Classification[[1]](#footnote-0): \_\_\_\_\_\_\_ (e.g ClerkBartender)**  **User Description:** | |
| **User attribute** | **Description** |
| Current constraints | User get weather data through search engines |
| User Expectation | To have a well comprehensive and user friendly weather app |
| IT experience level | No |
| Frequency of System use | Daily |
| Mandatory to use system? | Yes |
| Number of users in class | 40 |
| Training required / received | Yes |
| Regular user tasks | Build Software |
| **User Classification:**  **User Description:** | |
| Current constraints |  |
| User Expectation |  |
| IT experience level |  |
| Frequency of System use |  |
| Mandatory to use system? |  |
| Number of users in class |  |
| Training required / received |  |
| Regular user tasks |  |

## Current Client Status

|  |
| --- |
| **1. Main work-flow currently in use by the customer to perform the software tasks** |
| User uses search engines to check weather |
| **2. Are the Staff willing to use a software solution? (Yes/No)\** |
| Yes |
| **3. Do you have the infrastructure needed to adopt a new system (i.e computers and wifi)? (Yes/No)** |
| Yes |

## Operating Environment

Describe the environment in which the software should operate (the hardware platform, operating system/browser, hosting option).

## Design and Implementation Constraints

Describe any issues that will limit the options available to the developers such as interfaces to other applications, language requirements, deployment options or any assumed factors

# 3 System Features

List the system features, its description and the functional requirements[[2]](#footnote-1).

|  |  |
| --- | --- |
| **Feature** | **Functional Requirements** |
| Search for the weather of a city | 1. Search Bar |
| Display the weather of the current day and next few days of the current city |  |
| Display the current weather location of user as default |  |
|  |  |
|  |  |
|  |  |
|  |  |

# 4 Other Requirements

### **4.1 Reports & Charts**

Provide a list of all reports and charts required by Client – specify if report design is provided by developer or Client

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Design Source[[3]](#footnote-2)** | **Description** |
|  | Report | Client |  |
|  | Chart | Developer |  |
|  |  |  |  |

### 4.2 User Documentation/Support

List the user documentation (user manuals, on-line help, and tutorials) that will be delivered along with the software.

1. User Classification is the user group or job family e.g Clerk, Front desk staff, cashier etc [↑](#footnote-ref-0)
2. *Functional requirements describes what the system is expected to do. It also explains how the system should react to particular inputs ; e.g the feature is to automate payroll and the system requirements includes allowing user to insert payroll deductions, loans and request etc*  [↑](#footnote-ref-1)
3. Design source is the individual providing the design or format of the proposed documentation. Customized report designs will be provided by the Client [↑](#footnote-ref-2)