

Software Requirements Specification

for

LOCILOGY

[Classified Web Portal with CMS]

www.locilogy.in

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Revision History:

Name	Date	Reason for Changes	Version

1. Introduction

1.1 Purpose

The main purpose of this document is to provide a working example of a *Software Requirements Specification* (SRS) based on ISO/IEC/IEEE 29148:2018 standard.

1.2 Scope

This document specifies requirements for a classified web-portal with CMS for **LociLogy**. This web-portal is now only developed for Delhi locations; Nehru Place Market, Lajpat Nagar Market and famous locations.

The application allows users to:

- ▶ There are mainly three users in this application
 - Admin
 - Staff
 - User
- ▶ Admin can add Staff through CMS panel and also can DELETE or EDIT staff details and also can change the status of staff to active/in-active.
- ▶ Admin can add vendor details through CMS panel and can DELETE or EDIT vendor details and also can change the status of vendor to active/in-active.
- ▶ Admin have all rights to perform DELETE, EDIT, UPDATE, ADD records.
- ▶ Only Admin can add, edit, delete Staff and User.
- ▶ Admin and Staff can only create vendor profile through CMS Panel.
- ▶ Staff can create vendor profile through CMS panel and can edit the details of vendor too.
- ▶ Staff can edit their profile in CMS panel.
- ▶ User search the local shop vendor from website through search bar or filter options.
- ▶ User can login and register themselves through website.
- ▶ User can view their past searches in their user profile page in website.
- ▶ User can also track vendor location through live map. (Need to be discussed).

The application stores documents as human readable files with open file format.

The application runs online with connection to the server.

Note: Some more functionality may be discussed in development phase of this software*.

1.3 Product perspective

1.3.1 System interfaces

The application runs in the latest version of Chrome or Firefox browser on Windows, Linux and Mac.

1.3.2 User interfaces

The application GUI provides menus, toolbars, buttons, panes, containers, grids allowing for easy control by a keyboard and a mouse.

1.3.3 Software interfaces

- ▶ The application allows user search the vendor Data from website and can view that data and map allows user to track the location of the vendor
- ▶ The application allows export a list of data of vendor in excel format.
- ▶ The application stores project data in JSON format to enable easy integration with 3rd party applications.

1.4 Acronyms and abbreviations

CSV: Comma Separated Values

DOC: Document

JPG: Joint Photo Graphics

JPEG: Joint Photo-graphics Expert Group

PNG: Portable Network Graphics

PDF: Portable Document Format

DNF: Disjunctive Normal Form

ID: Identifier

GUI: Graphical User Interface

HTML: Hypertext Markup Language

php: Pre-processor Hypertext

SRS: Software Requirements Specification

AD: Admin

ST: Staff

US- User

VE- Vendor

MIS- Management Information System

XLS- Microsoft Excel Spreadsheet

CMS – Content Management System

2. Requirements

2.1 Login page

- ▶ There is one common login page for Admin and Staff where they can login and access their dashboard where they can perform operations according to their roles.
- ▶ Guest user can login or signup through website only.

2.2 Admin Dashboard

- ▶ Admin dashboard have five modules
 - **Dashboard** – In this module admin can view the graphs of uploaded data and can observe the data in graphical and numerical format.
 - **Manage Staff** – In this module admin have two sub-menus i.e., Add Staff and View Staff List. In add staff section admin add staff from the simple form. In View staff list section admin can view staff list in tabular format and can edit, delete and perform other operations* from Action column and admin can download the data from data list by selecting the data or by date range filter or download data from download option.
 - **Manage Vendor** - In this module admin have two sub-menus i.e., Add Vendor and View Vendor List. In add vendor section admin create vendor profile from the simple form. In View client list section admin can view client list in tabular format and can edit, delete, put client active/in-active status and perform other operations* from Action column and admin can download the data from data list by selecting the data or by date range filter or download data from download option.
 - **Manage User** – In this module admin have two sub-menus i.e., Add User and View User List. In add user section admin can create the user by filling up the form fields. In view user list admin can view user list in tabular format and can edit, delete and can perform other operations* from Action column and admin can download the data from data list by selecting the data or by date range filter or download data from download option.
 - **MIS** – In this module admin can view the activity logs and performance of all attributes.

2.3 Staff Dashboard

► Staff dashboard have four modules

- **Dashboard** – In this module staff can view the graphs of uploaded data and can observe the data in graphical and numerical format.
- **Manage Vendor** - In this module admin have two sub-menus i.e., Add Vendor and View Vendor List. In add vendor section admin create vendor profile from the simple form. In View client list section admin can view client list in tabular format and can edit and put client active/in-active status and perform other operations* from Action column and admin can download the data from data list by selecting the data or by date range filter or download data from download option.
- **Manage User** – In this module admin have two sub-menus i.e., Add User and View User List. In add user section admin can create the user by filling up the form fields. In view user list admin can view user list in tabular format and can edit and can perform other operations* from Action column and admin can download the data from data list by selecting the data or by date range filter or download data from download option.
- **MIS** – In this module staff can view the activity logs and performance of all users.

2.4 User Profile

- User can login their profile through website only
- User can edit their profile from edit profile page on website.
- User can view their past searches in their history page on website.

3. Further Requirement

- Need to develop one website with simple searching options.
- Guest user can access website through www.locilogy.in
- Guest user when goto the website then their location of the device tracked and results will be shown according to their device location.
- Guest user can change the location and can select other location for their search.
- Guest user can search through search bar and can filter search results with options;
 - Filter by name (Ascending/Descending)
 - Filter by locaton
 - Filter by distance in radius
 - Filter by Category of business/shop

- ▶ Guest user can search any keyword like vendor name, shop name, location, etc. the search bar will show the search result according to the keyword if keyword doesn't match any record in database, then no result found message appears.
- ▶ Below search bar there are four boxes in website where user can click and view the listing according to their name
 - Category
 - Location
 - ?
 - ?

4. Logical Requirement

- ▶ Every login should be completed with "captcha code".
- ▶ Every user ID should start with their abbreviation like Admin – AD, Staff – ST, Vendor – VE.

Note: Some points may be discussed further when the application goes live and the visible web application present to highlight further requirements.