



# **Software requirements specification**

**For**

**Online Web Portal for obtaining  
Birth Certificate, Marriage  
Certificate & Death Certificate from  
Divisional Secretariat**

Prepared By: Syntax Squard  
(21CIS005\_Kaumadi, 21CIS0016\_Vinod, 21CIS0031\_Navodya)

## Table of Contents

1. Introduction .....	2
1.1 Purpose .....	2
1.2 Project Scope .....	2
1.3 Objectives.....	2
1.4 Intended audience .....	2
2.Functional Requirement.....	3
2.1 User Registration and Authentication.....	3
2.2 Order Placement .....	3
2.3 Order Reception .....	3
2.4 Order Fulfilment.....	3
3.References.....	3

# 1. Introduction

## 1.1 Purpose

The purpose of this document is to build an online system for obtaining birth certificates, Marriage certificates and death certificates from the divisional secretariat without a physical visit.

## 1.2 Project Scope

The scope of this project is to create user user-friendly web portal that allows users to check the availability of their certificate at a certain branch and place the order for the certificates they need and get them through a courier service.

## 1.3 Objectives

The objective of the web portal project are to:

- Streamline the process of obtaining birth certificate, marriage certificate, and death certificates by transitioning from a manual in person system to an online application.
- Reduce the time required for individuals to obtain certificates by eliminating the need to physically visit the divisional secretariat and wait in queues.
- Increase accessibility for individuals to request certificates by providing an online platform accessible from anywhere with internet connectivity, eliminating geographical constraints.
- Ensure the accuracy and reliability of certificate issuance by updating and maintaining a comprehensive database of certificates at each branches.
- Provide users with the ability to check the availability of certificates at specific branches in real time.
- Incorporate a notification system to update users on the status of their certificate request, including confirmation of receipt, processing and dispatch.

## 1.4 Intended audience

- Individuals needing certificates
- Legal Professionals
- Government Agencies
- Business
- Immigration Services
- Educational Institution

## 2.Functional Requirement

### 2.1 User Registration and Authentication

- The web portal shall provide user registration functionally for new members.
- The system shall authenticate users during the order placement process to ensure secure access.

### 2.2 Order Placement

- The web portal shall allow members to check the availability of their certificate at the certain branch and place the order.
- Customers shall be able to add products to their cart and specify quantities.

### 2.3 Order Reception

- The customer service department shall receive customer orders placed through the web portal.
- The system shall display order details to the customer service team.
- Customer service representatives shall be able to access order information and perform necessary actions.

### 2.4 Order Fulfilment

- The warehouse team shall receive confirmed orders from the customer service department.
- The system shall facilitate the packaging and shipping process for the ordered certificates.
- The system shall generate a shipping confirmation email with details such as tracking number and estimated delivery date.

## 3.References

Goldman, James L, George Abraham, and IlYeol Song. "Generating Software Requirements Specification (Ieee Std. 830 1998) Document with Use Cases." *no* 215 (2007): 1-12.

ISO, ISO. "Iec/Ieee 29148: 2018 Systems and Software Engineering-Life Cycle Processes." *Requirements engineering* (2018).