# Program Manual for Licensing Self-Certification Portal (LSCP)

**Version:** 0.1

**Date:** Jan 2025

? The Government of the Hong Kong Special Administrative Region

## 1. Purpose

This document provides an overview of the Licensing Self-Certification Portal (LSCP) system, including a list of programs, data files, and other relevant information. It is intended for staff responsible for maintaining the application system. Specific areas are detailed in corresponding manuals (Data Manual, Program Specifications, etc.).

## 2. Scope

This Program Manual serves as a comprehensive guide to understanding the software utilized within the LSCP. It encompasses detailed program specifications for each program integrated into the system. The program specifications are prepared by system analysts during the Implementation Phase to guide programmers during the coding phase and to facilitate future maintenance.

The project team should customize this manual to encapsulate any unique characteristics or nuances inherent within the software development environment, such as specific methodologies employed (e.g., event handling mechanisms or message passing protocols).

If there are no new programs being developed, the preparation of this Program Manual may not be necessary.

### 2.1 Development Tools and Platform

* Web Administration Applications were developed with the following software: (Details of the software used are missing from the provided document).

## 3. Reference

* **Systems Analysis and Design Report:** This report serves as the foundation for the system's design and development. It includes detailed analysis of system requirements, user needs, and business processes. It outlines the system architecture, data models, and functional specifications.
* **System Manual:** The System Manual contains detailed documentation on the system's architecture, functionality, and usage guidelines. It serves as a comprehensive reference guide for users, administrators, and developers involved in the system's operation and maintenance. The manual includes information on installation procedures, system configuration, troubleshooting tips, and best practices for utilizing the system effectively.

## 4. Definitions and Conventions

### 4.1 Definition

NIL

### 4.2 Conventions

| Term | Definitions |
| --- | --- |
| iAM Smart | Internet Access by Mobile in a Smart Way |
| BD | Buildings Department |
| JWT | JSON Web Tokens |

## 5. Program List

This section provides a list of program specifications contained in this manual, grouped under function groups.

### 5.1 Web Application

| Model Name | Program ID | Program Name | Type |
| --- | --- | --- | --- |
| Login | PRO-SYS-01 | Public User Authentication with Password | Web, Mobile |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## 6. Program Specification

### 6.1 Public User Authentication with Password

| Program ID: | PRO-SYS-01 | Mode: | Web, Mobile |
| --- | --- | --- | --- |
| Program Name: | Public User Authentication with Password |  |  |
| Description: |  |  |  |
| Program Environment: |  |  |  |
| Program Source: |  |  |  |
| Language Compiler: |  |  |  |
| Amendment History: |  |  |  |
| Change Number | Revision Description | Revision Number | Date |
|  |  |  |  |
| Table/File Usage: |  |  |  |
| Table/File | Usage |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

#### Processing Logic

| Pre-submit Validity Check | 1. Validate the user input at client side.