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

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? The Government of the Hong Kong Special Administrative Region

## Distribution

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## Amendment History

| Change Number | Revision Description | Pages Affected on Respective Version | Revision / Version Number | Date |
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## Table of Contents

1. [Purpose](#Xe656c7b6450ec476f453091ff6f524ec7bd654f)
2. [Scope](#Xb66d8751654b4b3bfdfa8df98730d37eb4be826)
   * [2.1 Development Tools and Platform](#X6d17cf91133a13b78710858467570588f833fad)
3. [Reference](#X1106d584ae8df30454128d2efb2f40b18bfdf88)
4. [Definitions and Conventions](#X52f8696038a70993049d98711cd7e07e359860b)
   * [4.1 Definition](#Xadbb0a4dce3aef461d9d63374aec753ecf606da)
   * [4.2 Conventions](#X89955fa8b6587234bc13cd1b83ad910cf90f7a8)
5. [Program List](#X95645baeac9040aa408c3302369ff0ae4d1a714)
   * [5.1 Web Application](#Xb9041d25eab7575b7a29843fc3e092c9941aea0)
6. [Program Specification](#X31315c3d5e8316e31b95281e0794c3a7f566270)
   * [6.1 Public User Authentication with Password](#X7b27e17e91c934cc63ee336b7e04bad8b3d69cb)

## 1. Purpose

The objective of this document is to provide an overview of the system by listing out in brief the programs, data files, etc. Reader interested in specific area may refer to the corresponding manuals (Data Manual, Program Specifications, etc.).

The major readers of Program Manual are the staff responsible for maintaining the application system.

## 2. Scope

The Program Manual serves as a comprehensive guide to understanding the intricacies of the software utilized within the Licensing Self-Certification Portal (LSCP). It encompasses detailed program specifications for each program integrated into the system.

Throughout the Implementation Phase, the program specifications are meticulously prepared by system analysts. These specifications play a pivotal role in guiding programmers during the coding phase, ensuring that the software is developed according to the predetermined requirements and standards. Moreover, the program specifications act as a valuable resource for future maintenance endeavors, facilitating the identification and resolution of potential issues or enhancements.

It's imperative for the project team to customize the Program Manual to encapsulate any unique characteristics or nuances inherent within the software development environment. This could entail elaborating on specific methodologies employed, such as event handling mechanisms or message passing protocols, to provide a comprehensive understanding for all stakeholders involved.

However, it's important to note that if there are no new programs being developed for the application system, the preparation of a Program Manual may not be necessary. In such instances, the project team can focus their efforts on other pertinent tasks, thereby optimizing resource allocation and streamlining the development process.

### 2.1 Development Tools and Platform

Web Administration

Applications were developed with the following software: (Details of the software used are expected here, but not provided in the original document.)

## 3. Reference

* **Systems Analysis and Design Report:** This report serves as the foundation for the design and development of the system. It includes detailed analysis of the system requirements, user needs, and business processes. The report outlines the system architecture, data models, and functional specifications, providing a comprehensive understanding of the system's design and objectives.
* **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 part provides a list of program specifications contained in the program manual. The program specifications may be grouped under following function groups.

### 5.1 Web Application

The following table shows the list of functions mapping of the desktop and mobile version.

| 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: |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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. Coding | Input | Validation | Remarks | |---|---|---| | Email | | | | Password | | |

| Event |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |

| From Screen | To Screen |
| --- | --- |
| Screen | Event |
|  |  |
|  |  |

| Arithmetic computation and logical manipulation | Event EV01: Login Button Clicked (Section Username, Password)

|  |  |
| --- | --- |
| Additional Requirements | 1. |

1. | | External Reference | Nil | | Program Limits | Nil |

**Dialogue Design**

| ID | Name | Data Item | I/O | Processing Remarks |
| --- | --- | --- | --- | --- |
| Section Username, Password |  |  |  |  |
|  | Email |  |  |  |
|  | Password |  |  |  |
|  | Login Button |  |  |  |
| Section OTP |  |  |  |  |
|  | OTP token |  |  |  |
|  | Login Button |  |  |  |

**Dialogue Design**

| ID | Name | Data Item | I/O | Processing Remarks |
| --- | --- | --- | --- | --- |
| 1 | App158 Template |  |  |  |
| 2 | Record Date |  |  |  |
| 3 | Draft DateTime |  |  |  |
| 4 | Draft By User |  |  |  |

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