1. **Introduction**

**1.1 Purpose**

The purpose of this document is to present a detailed description of the designs of the Tenants Association administration application. Firstly, this document is intended for the programming group in team, to use the designs as guidelines to implement the project. This document could be used for designers who try to upgrade or modify the present design of the administration system.

**1.2 Scope**

This document gives a detailed description of the software architecture of the administration system. It specifies the structure and design of some of the modules discussed in the SRS. It also displays some of the use cases that had transformed into sequential and activity diagrams. The class diagrams show how the programming team would implement the specific module.

**1.3 Overview**

This document is written according to the standards for Software Design Documentation explained in “IEEE Recommended Practice for Software Design Documentation”. Sections 3 – 5 contain discussions of the designs for the project with diagrams, section 6 shows samples of UI from the system, and section 7 contains the requirements matrix.

**1.4 References**

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| **References** | | |
| **1.** | Angular Material UI | <https://material.angular.io/> |
| **2.** | Diagrams | [http://creately.com](https://dotnet.microsoft.com/apps/aspnet) |
| **3.** | Mockups | <http://moqups.com> |
| **4.** | IEEE Std 1016­1998 1 | <http://users.encs.concordia.ca/~ormandj/comp354/2003/Project/ieee-SDD.pdf> |

**1.5 Definitions, acronyms, and abbreviations**

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| Definitions | | | |
| 1. | | Administrator | An entity providing the services for tenants and providing some sort of service level agreement. |
| 2. | | Tenants(users) | Someone who consumes the services offered by the administrator. Also accepts the service level agreement with the administrators. |
| 3. | | Service | A means of delivering value to tenants. |
| 4. | | Language | English |
| 5. | | Font | Arial |
| 6. | Dimension | | 11 |

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| --- | --- | --- |
| Acronyms | | |
| 1. | - | - |
| 2. | - | - |
| 3. | - | - |

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| Abbreviations | | |
| 1. | DESC | Description |
| 2. | DEP | Dependencies |
| 3. | DB | Data Base |