1. Introduction :

This section gives a scope description and overview of everything included in this Software Requirement Specification document. Also, the purpose for this document is described and a list of abbreviations and definitions is provided.

* 1. Purpose :

The purpose of this document is to give a detailed description of the requirements for the “Easy PassGenerator” (EPG) software It will illustrate the purpose and complete declaration for the development of system. It will also explain system constraints, interface and interactions with other external applications. This document is primarily intended to be proposed to a customer for its approval and a reference for developing the first version of the system for the development team.

* 1. Scope :

The “Easy PassGenerator ” is Desktop Windows Application that helps people Generate a Password list of all possible combinations of symbols !@#$%^&\*()\_- and Capital a-A

Letters and small letters and 0-9 Numbers with the possibility of prefix more than one number or letter or symbol at the beginning of the whole password and the user can strict the password list to numbers only or letters only or symbols only and the password length must be between 6 as minimum value and 64 as maximum value .

* 1. Definitions, acronyms, and abbreviations

|  |  |
| --- | --- |
| Term | Definition |
| User | Someone who interacts with the application |

1. Overall description :

This section will give an overview of the whole system. The system will be explained in its context to show how the system interacts

* 1. Product perspective

This system will consist of one part desktop application will be used to generate list of passwords

* 1. Product functions :

With the desktop application, the users will be able to Generate any number of passwords list . The result will be based on the criteria the user inputs. There are several search criteria and it will be possible for the user of the system to manage the options for those criteria that have that. The result of the search will be viewed either in a listBox depending on what criteria included in the search

1. Specific requirements :

This section contains all of the functional and quality requirements of the system. It gives a detailed description of the system and all its features.

* 1. External interface Requirements

This section provides a detailed description of all inputs into and outputs from the system. It also gives a description of the hardware, software and communication interfaces and provides basic prototypes of the user interface.

* + 1. User interfaces

