## Chapter 1

## Purpose:

The purpose of this document is to present a detailed description of the Student Information Chatbot(based on NSTU). It will explain the purpose and features of the system, the interfaces of the system, what the system will do, the constraints under which it must operate and how the system will react to external stimulition. This document is intended for both the stakeholders and the developers of the system. It also serves as a contract between the user and AI Chatbot to approve the requirements contained here, as specified in the acceptance criteria. The audience of this document (Software Requirements Specification) primarily includes the Project Team, the Client and the Project Supervisor.

## Overview

As a fresher a student or his guardian want to know about the new varsity. As this chatbot response according to student's need, so he/she can frequently ask nstu related question and information within a few seconds. Actually, this chatbot helps user to fix his problem in proper way. Any tiny information can know from this chatbot. Therefore, this project is focusing to provide a solution to this problem by giving the proper and accurate information about the whole campus to the users. We also ensure the necessary security of information and other processes.

## Scope of the Project

We want to build an easier information sharing system which will help the user to get solution in which problem they had faced or they want to know about the new campus. Chatbot can give answer for every individual question, as a result user can save his valuable time.

## Evolution of this Document

I will endeavor to elicit all of the requirements for the proposed system in the early stages of the project life-cycle. However, it may be impracticable for some requirements to be specified during the initial stages. As such, this document has been produced as thoroughly as is possible at this time. Any changes deemed necessary by the client in conjunction with our Team will be formally documented by revising this document in a traceable manner.

In order to prevent alterations to the requirements at a later phase in the production process, I will provide the client with a prototype of the system, showing all interfaces, and allowing the client to suggest any changes.

## Glossary

This subsection contains definitions of all the terms, acronyms, and abbreviations used in the document. Terms and concepts from the application domain are defined.

* + - **API** – Application Programming Interface
    - **SRS** – Software Requirement Specifications
    - **UI** – User Interface
    - **SDLC** – Software Development Life Cycle
    - **DBMS** – Database Management System

## References

IEEE. IEEE Std 830-1998 IEEE Recommended Practice for Software Requirements Specifications. IEEE Computer Society