Table of Contents

1.Introduction

1.1 Purpose

1.2 Scope

1.3 Overview

1.4 Additional Information

1. General Description

1. Functional specifications

3.1Validation

1. Interface Requirement

* 1. GUI

* 1. Software Interface

1. Constraints

1. Introduction

This document gives detailed information about the functionality of the chatbot . It gives clear idea about the working of the chatbot. The usage and advantage of the chatbot are described below. The purpose of the chatbot is it user reliable application through which user can access any thing on the system by simple commands.

* 1. Purpose

Chat Box application is specifically developed for users which will help their task easier by just giving commands.

This chatbot is a computer program that simulates human conversation through commands or **text** chats or both. Chatbot, short for chatterbot, is an Artificial Intelligence (AI) feature that can be embedded and used through any major messaging applications

* 1. Scope

**Chatbot** are fully functioning, semi-autonomous systems that can assist customer service experiences and response time. The future **scope of chatbots** could include many benefits for enterprises, but it need to be gently nudged in the right direction for businesses to reap these benefits.

* 1. Overview

The application is user friendly.

Overview: The SRS will include two sections, namely:

Overall Description: This section will describe major components of the application.

Specific Requirements: This section will describe the functions of the application.

1. General description

* 1. Product Perspective:

The user will user interface which help to access the needed in the system with the help of chatbot.

It is simple application intern.

It will directly open the interface where you have two option either chat or skip.

Software Interface:

Front End Client:

It is a GUI based software. It simply asks the users one question at a time, gives them some options to choose from and waits for their response.

\* Back End:

Python, natural language processing (NLP), and **machine learning** are chatbot underlying technologies. This brought chatbot innovation, hence brand communication, to an entirely new personalized level.

3. Functional Specifications

* **Chatbots** rely on content, not just technology.
* Required content is already being generated, it is just repurposed.

* 1. GUI

This is interface must be highly interactive .

**We** use the Tkinter library which already comes **in python**. We will take the input message from the user and then use the helper functions we have created to get the response from the bot and display it on the **GUI**.

* 1. Software Interface

**Chatbots** can be a strictly a screen-based interaction of graphical user **interface** design made of text, buttons, and animations. Both use conversational user **interfaces** for human-computer interactions.

5.Constraints

**Chatbots** don't understand human context

It is one of the significant **limitations of chatbots**. These **chatbots** are programmed in a way that they only know what they are taught. They cannot understand the context of humans, and this is a massive gap that can even lead to an irate customer.