

# Intelligent Chat Bot

## ABSTRACT

Intelligence has been defined in many different ways including as one's capacity for logic, understanding, self-awareness, learning, emotional knowledge, planning, creativity, and problem solving. It can be more generally described as the ability or inclination to perceive or deduce information, and to retain it as knowledge to be applied towards adaptive behaviors within an environment or context. A chatbot (also known as a talkbot, chatterbot, Bot, IM bot, interactive agent, or Artificial Conversational Entity) is a computer program which conducts a conversation via auditory or textual methods. Such programs are often designed to convincingly simulate how a human would behave as a conversational partner, thereby passing the Turing test. Chatbots are typically used in dialog systems for various practical purposes including customer service or information acquisition.

## EXISTING SYSTEM

In the Existing System, The purpose of a chat bot system is to simulate a human conversation; the chat bot architecture integrates a language model and computational algorithm to emulate information chat communication between a human user and a computer using natural language. With the improvement of data-mining and machine-learning techniques, better decision-making capabilities, availability of corpora, robust linguistic annotations/processing tools standards like XML and its applications, chat bots have become more practical in daily life applications such as help desk tools, information retrieval tools, automatic telephone answering systems, advertising, tools to aid in education, business and E-commerce.

## DRAWBACKS

- It requires active internet connection else error may occur.

## PROPOSED SYSTEM

This system helps to grant artificial intelligence to your computer so computer will use its own intelligence to answer your queries. It's different from normal data mining processes in the way that here the system continuously learns and if a query, for which no answer is present in the system, is fired the system handles it in a robust manner. Provides a huge set of functionality. It uses an artificial intelligence technology that allows it to act as an actual human assistant.

## ADVANTAGES

- Blue book (basic introduction as per university format)
- Power point Presentation
- Project Black book (complete guide of the project)

## Modules:

- Admin Login
- BotChat

## System Requirements:

### Software Components:

- Operating System : Windows 7 or higher
- SQL Server : Sql 2008
- IDE : Visual studio 2010

### Hardware Components:

- Processor : Pentium - III
- Hard Disk : 5 GB
- Memory : 1GB RAM