Chapter 1

1. Introduction

Chat-bot for HR department will be able to answer questions, query results. Chatbot will be able to answer questions related to salary, attendance, product growth as well as it will give suggestions if it doesn't get proper answers for the user's query. Chatbot will have full HR data. Chatbot will be able to answer questions based on attendance like getting the attendance of a particular company location also can give suggestions like if the user wants an employee who can work on a particular technology and if no such employee exists chatbot will give suggestions of employees who can work on similar technologies. Chatbot gives response in various formats like text, tables, graphs, etc.

1.1. Need:

Today's world is running very fast, so HRs don't have much time to look personally into the database to find answers to their queries. They need some fast approach to do their work. There is a need for an assistant who can work faster. So it is better if they have a virtual computer-based assistant which can answer fast to their queries. A simple virtual assistant is a Chatbot. In the past few years, Chatbots have been very popular because of their fast and accurate response capability and less need for any physical resources as they are not paid. Using Chatbot will reduce and make faster the work of HR people effectively increasing the productivity of them.

1.2. Problem Statement:

HR department is not able to get quick response to most of their queries, related to their employees. Due to which the productivity and efficiency of the company is affected. There is a need of user friendly virtual assistant that can make the HRs job easier.

Atharva College of Engineering