# INTRODUCTION

**Present Problem Statement:**

There are many desktop applications which performs Single task at a time but these are found unreliable when we want to perform many operations, then we have to download multiple applications in our desktop.

We have combined many applications such as Number conversions, scientific calculations, financial calculations etc. in a single application.

In existing applications, we can’t give input by voice, but in CalTalk we can give input by voice as well as output in the form of audio.

**Proposed System:**

In CalTAlk, we can perform mathematical, scientific and other tasks like financial calculations, unit conversions and temperature conversions in a single application. In this, we can give input by voice or text both and output can also receive in the form of voice or text both.

In this, there is no need to write anything after given the command. When we give the input, it directly produces the output.

This application is implemented on the desktop with no additional hardware.

* 1. **Overview and Motivation:**

**Overview:**

The main motive of our project CALTALK(Voice Command Based Calculator) is to allow the users to give input by text as well as voice.

**Motivation:**

* Time consuming in given the command by typing.
* Lots of memory is wasted to install different applications for different purposes.

## Objective:

The aim of CALTALK is to developed a easy method of input instead of traditional way of typing on keyboard. The final application is able to perform the tasks given by the user by voice. It is useful for people with physical disabilities like handicapped because they are unable to give the input by keyboard and then they can give input by voice. It focuses on fast calculation.

## Organization of Project Report:

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| **PHASE** | **TIME DURATION** |
| Software requirement specification | 2 weeks |
| System design | 3 weeks |
| Coding | 5 weeks |
| Testing | 2 weeks |
| Documentation | 2 weeks |
| Implementation | 1 weeks |