**Speech to text**

**PROBLEM STAEMENT**

In this project our goal is to achieve the text from a audio file .

**DESCRIPTION OVERVIEW**

In this project user will perform speech to text conversion via providing a audio file

**TECHNOLOGY USE**

python

**INSTALLATION**

Installation of this project is pretty easy. Please do follow the following steps to create a virtual environment and then install the necessary packages in the following environment.

**In Pycharm it’s easy**

1. Create a new project.

2. Navigate to the directory of the project

3. Select the option to create a new new virtual environment using conda with python3.7

4. Finally create the project using used resources.

5. After the project has been created, install the necessary packages from requirements.txt file using the command pip install -r requirements.txt

**In Conda also it’s easy**

1. Create a new virtual environment using the command

conda create -n your\_env\_name python=3.7

2. Navigate to the project directory.

3. Install the necessary packages from requirements.txt file using the command

pip install -r requirements.txt

**TESTING IN LOCAL**

in this project user needs to provide a recording of microphone voice or any audio file in WAP format.

As an output you will get the text or the words which are used in the recorded file.

**CONCLUSION**

Hence we have successfully designed a speech to text conversion software.