

A Mini Project Synopsis on

Text To Read

S.E. - I.T Engineering

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CERTIFICATE

This is to certify that the Mini Project report on **Text To Read** has been submitted by **Prince Prajapati (21104062), Chinmay Patil (21104139), Sanika Yadkikar (21104110)** and who are a Bonafide students of A. P. Shah Institute of Technology, Thane, Mumbai, as partial fulfillment of the requirement for the degree in **Information Technology**, during the academic year **2022-2023** in a satisfactory manner as per the curriculum laid down by the University of Mumbai.

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Chapter 1

Introduction

• **1.1.Purpose :** Python can be used to automate repetitive tasks such as sending emails, scheduling appointments, and managing files. By automating these tasks, individuals can save time and focus on more important tasks that require their attention. Another objective of personal assistance is to provide personalized services.

1.2. Objectives :

- ❖ One of the primary objectives of personal assistance using Python is task automation.
- ❖ Personal assistance can be used to create custom scripts that cater to an individual's specific needs.
- ❖ A python script can be created to monitor an individual's fitness goals and provide personalized workout plans based on their progress and preferences.

1.3. Scope :

- ❖ Personal assistance is an emerging field that has gained significant attention in recent years. With the advancement of technology, the scope for personal assistance has increased manifold.
- ❖ One of the most popular programming languages used for developing personal assistants is Python.
- ❖ Personal assistance offers a wide range of libraries and tools that make it easier for developers to create intelligent and intuitive personal assistants

Chapter 2

2.1. Problem Definition

Problem definition deals with observation, site visits, and discussions to identify, analyze and document project requirements and carry out feasibility studies and technical assessments to determine the best approaches for full system development. The addition of new features is very difficult and creates more overheads. In the existing system, data are not maintained properly which leads to followed ups lack and a lack of reports. The changes in one module or any part of the system widely affected in other parts.

2.2. Problem Solution

Keeping the problem definition in mind, the proposed system evolves which is user- friendly, easy to update with the new in features, data is maintained, and reports generated will be more useful for assessment to the management to take quick and optimized decisions.

Chapter 3

Proposed system :

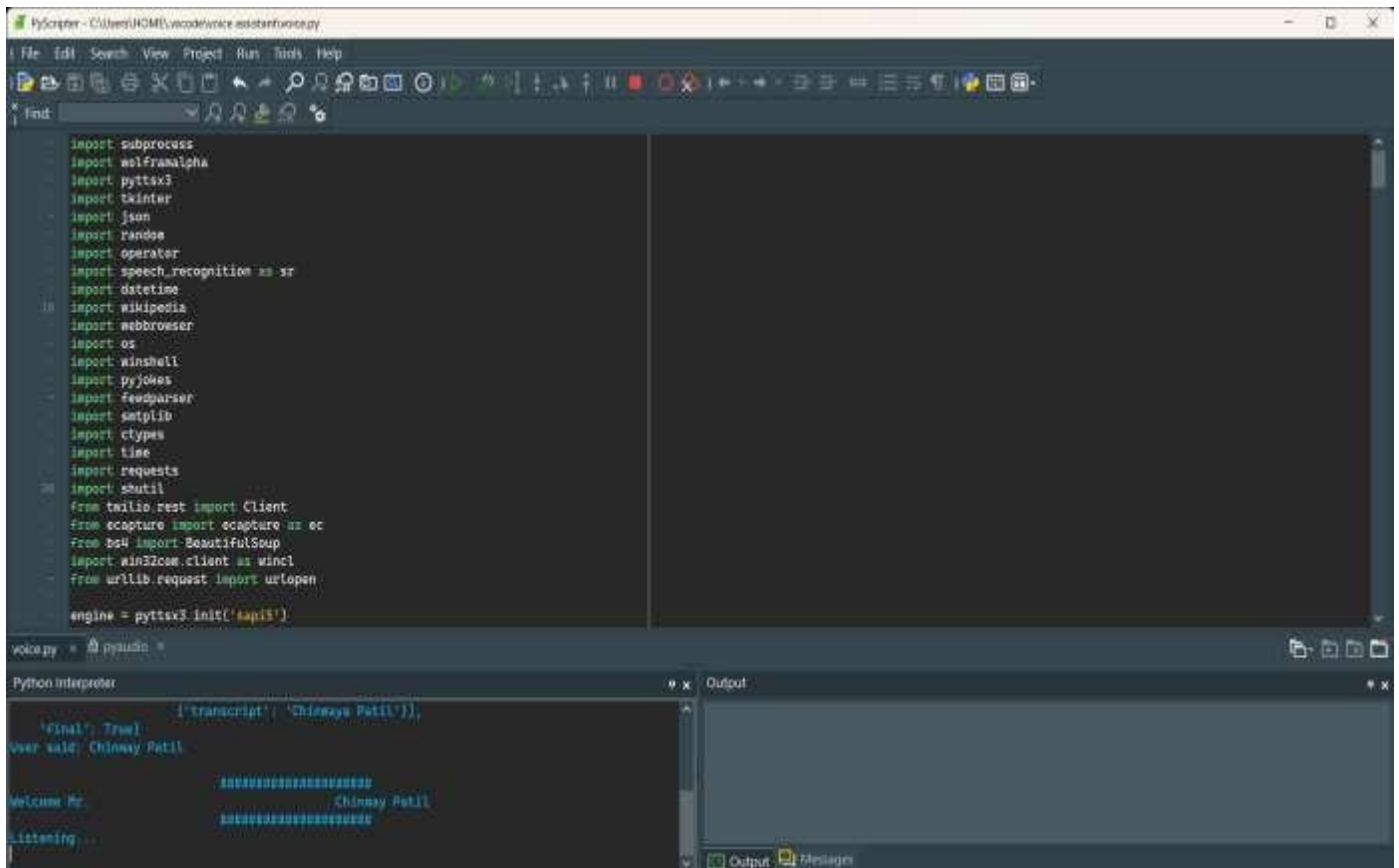
The proposed **Voice-based Email System** uses AI (voice commands) that will make the email system very easily accessible to visually challenged people and also help society. Accessibility is the most important feature that is considered while developing this .The proposed **Voice-based Email System** uses AI (voice commands) that will make the email system very easily accessible to visually challenged people and also help society.

3.1. Features and Functionality :

- One of the most essential features of personal assistants is voice recognition.
- With this feature, users can interact with their assistants through spoken commands, allowing for hands-free operation.
- Personal assistants are also great for managing your to-do list.
- With task management features, you can easily create and organize tasks, set reminders, and track progress.
- Many personal assistants also allow you to delegate tasks to others, making it easy to collaborate with coworkers or family members on projects and assignments.

Chapter 4

Project Outcomes :



The screenshot displays the PyScripter IDE interface. The main editor window contains a Python script with the following code:

```
import subprocess
import wolframalpha
import pyttsx3
import tkinter
import json
import random
import operator
import speech_recognition as sr
import datetime
import wikipedia
import webbrowser
import os
import winshell
import pyjokes
import feedparser
import smtplib
import ctypes
import time
import requests
import shutil
from tailer.rest import Client
from ecapture import ecapture as ec
from bs4 import BeautifulSoup
import win32com.client as wincl
from urllib.request import urlopen

engine = pyttsx3.init('api3')
```

Below the editor, there are two panels: a Python interpreter and an output window. The Python interpreter shows the following output:

```
{'transcript': 'Chinmay Patil'}],
{'final': True}
user said: Chinmay Patil
Welcome Mr. Chinmay Patil
Listening...
```

The output window is currently empty.

Chapter 5

Software Requirements :

- Programming Languages : Python

Chapter 6

Conclusion :

Artificial Intelligence and the technology are one side of the life that always interest and surprise us with the new ideas, topics, innovations, products ...etc. AI is still not implemented as the films representing it(i.e. intelligent robots), however there are many important tries to reach the level and to compete in market, like sometimes the robots that they show in TV. Nevertheless, the hidden projects and the development in industrial companies. At the end, we've been in this research through the AI definitions, brief history, applications of AI in public, applications of AI in military, ethics of AI, and the three rules of robotics. This is not the end of AI, there is more to come from it, who knows what the AI can do for us in the future, maybe it will be a whole society of robots.

Sr. No	Group Member	Time duration	Work to be done
1.	Chinmay Patil SanikaYadkikar Prince Prajapati	January	Conducting market research, market planning,developing project plan.
2.		February	Develop user interface , software.
3.		March and April	Adding data sets and final completion of project.

Chapter 8: References:

1. "Personal assistant technology: A review" by Mirhadi et al. This is a comprehensive review article that covers the different types of personal assistant technology, including virtual assistants, smart homes, and wearables.
2. "Designing Personal Assistants for Older Adults: An Investigation of Ethical and Social Issues" by Gajos et al. This paper discusses the unique ethical and social considerations that arise when designing personal assistants for older adults.
3. "Personal Assistance for Elderly People Using a Mobile Robot" by Tuna et al. This study explores the use of a mobile robot as a personal assistant for elderly people, focusing on the benefits and challenges of this approach.