

MES COLLEGE OF ENGINEERING, KUTTIPPURAM
DEPARTMENT OF COMPUTER APPLICATIONS
20MCA245 – MINI PROJECT

PRO FORMA FOR THE APPROVAL OF THE THIRD SEMESTER MINI PROJECT

(Note: All entries of the pro forma for approval should be filled up with appropriate and complete information. Incomplete Pro forma of approval in any respect will be rejected.)

Mini Project Proposal No : _____
(Filled by the Department)

Academic Year : 2020-2022

Year of Admission : 2020

1. Title of the Project : TRY TO REMEMBER

2. Name of the Guide : Ms. PRIYA J D

3. Number of the Student: MES20MCA-2043

4. Student Details

Name (in BLOCK LETTERS)

Roll Number

Signature

1. SAFWANA V J

43



Date:07/12/2021

Approval Status : Approved / Not Approved___

Signature of
Committee Members }

Comments of The Mini Project Guide

Dated Signature

Initial Submission :

First Review :

Second Review :

Comments of The Project Coordinator

Dated Signature

Initial Submission:

First Review

Second Review

Final Comments :

Dated Signature of HOD

TRY TO REMEMBER

SAFWANA V J

INTRODUCTION

Memory problems are common. Everyone's memory can fail them at one time or another. Many have at least once: forgotten the name of someone you just met; been unable to put a name to the face of a neighbor you saw at the movies; failed to get the one item you actually went to the market to buy; forgotten your new phone number at work; missed the birthday of someone for whom you already bought a card; forgotten where you parked the car at the mall; missed a Doctor's appointment; or forgotten to take the 8 pm dose of medication. It is actually that, Memory occurs in the brain, but it is not limited by the brain. Many things around us influence our ability to make and retrieve memories. Physiological, emotional, social, and environmental processes, as well as by cognitive processes other than memory process (e.g., perception, reasoning, decision making), are now accepted as affecting memory functioning in everyday life.

Physiologically, memory is affected by fatigue, nutrition, and common illnesses; a variety of medicines for various conditions can impair memory. Emotionally, memory varies with a person's attitude, mood, motivation, and upsets. Socially, group pressures and the prejudices of others can interfere with memory performance. Environmentally, the things around us stimulate memory; because of this fact, products are sold to help us remember (such as calendars, organizers and palm pilots).

OBJECTIVE

we are developing a system which helps the people struggling with memory loss to train themselves. We incorporate the character recognition along with the emotion classification and voice recognition to improve the memory of the user. We satisfy all the conditions as keeping English language as the base .We firmly believe that the system will helps for the betterment of people with memory loss.

TOOLS / PLATFORM, HARDWARE AND SOFTWARE REQUIREMENT

Hardware Requirements

- Input Device : Mouse, Keyboard
- Output Device : Monitor
- Memory : 4 Gb Ram (Minimum)
- Processor : Intel core i3 or above

Software Requirements

- Operating System : Windows 8 /10for Better Performance
- Front End : Python (Flask)
- Back End : Mysql
- Software Used : Pycharm

- Web Browser : Internet Explorer/Google Chrome/Firefox (for web application)

PROBLEM DEFINITION AND INITIAL REQUIREMENTS

Memory problems are common. Everyone's memory can fail them at one time or another. Many have at least once: forgotten the name of someone you just met; been unable to put a name to the face of a neighbor you saw at the movies; failed to get the one item you actually went to the market to buy; forgotten your new phone number at work; missed the birthday of someone for whom you already bought a card; forgotten where you parked the car at the mall; missed a Doctor's appointment; or forgotten to take the 8 pm dose of medication. There is no app for supporting memory gaining.

BASIC FUNCTIONALITIES OF THE PROJECT

MODULE DESCRIPTION

1. ADMIN

- Doctor Management
- View Patients

2. DOCTOR

- Login
- View Profile
- Patient Management
- Caretaker Management
- View Patient's progress
- View Patients Emotion
- Add notifications for caretakers

3. CARETAKER

- Login
- View assigned Patients
- Add important dates or events for patients to remember (Include photos)
- Upload important person details
- View Patients Progress
- View notification from doctors
- Pill reminder settings

4. PATIENT

- Login
- Attend writing tests (Malayalam handwriting Using Tensor flow)
- Attend speech tests (Voice to text)
- View important dates or events uploaded by caretakers
- View important persons details

- Emotion tracking using Machine learning
- Pill Reminders
- Puzzle solver with image