MINIPROJECT LOGBOOK

(CSM301: Mini Project)

GROUP MEMBERS

Bhabal Rohan Ravindra(312010)

Bijapur Azim Ahmed Muktar Ahmed(312011)

Khan Arkaan Faizad(312021)

Shaikh Abuzar Hafizuddin(312041)

Name of the Mentor

Anand Bali

Department of Computer Engineering

M. H. Saboo Siddik College of Engineering,

Saboo Siddik Polytechnic Road, Clare Road, Byculla,

Mumbai-400008

University of Mumbai (AY 2021-22)

INSTITUTE VISION & MISSION

VISION:

To bring out the whole Muslim Community from the quagmire of poverty and educational backwardness and encourage, enlighten, and prepare all its members to be useful citizens who will contribute to make a prosperous, healthy, and strong nation and to promote national integration by giving equal opportunity to all communities for their promotion and progress.

MISSION:

To impart quality higher technical education to the students of Muslim Community in particular, and to students of all other communities to be competent, dedicated, and responsible citizens who shall also be the harbingers of secularism and national integration to the complete satisfaction of all stake holders.

COMPUTER ENGINEERING DEPARTMENT

VISION:

Endeavor to be a Centre for Educational excellence in Computer Engineering to nurture technology leaders of tomorrow for the gradual progress of society.

MISSION:

- To teach Computer Engineering as a multifaceted, humanistic discipline of critical thinking and cutting-edge research problem solving.
- To build competitive academic environment for training and placements, higher studies, and proactive innovative leadership.
- Encourage entrepreneurship towards self-employment for economic well-being of individual and the nation.
- Facilitate academia-industry collaborations and societal outreach programmes.

PROGRAM EDUCATIONAL OBJECTIVES (PEO's)

I	To provide students with a solid foundation in their core concepts of mathematical, scientific and computer engineering fundamentals required to comprehend, analyse, and design solutions for real life problems.
II	To inculcate in students, a balanced outlook with professional and ethical attitude, develop effective communication skills, teamwork, and leadership qualities with multidisciplinary approach.
III	To prepare students to excel in postgraduate programs through an excellent academic environment and make them ready for productive employment in the public or private sectors and provide lifelong learning experience.
IV	To provide broad educational and research experience through interdisciplinary and industry centric programs.

PROGRAM OUTCOMES (POs)

Program Outcome Code	Program Outcome Description
PO1	Basic Engineering knowledge: An ability to apply the fundamental knowledge in mathematics, science, and engineering to solve problems in Computer engineering.
PO2	Problem Analysis: Identify, formulate, research literature, and analyse computer engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and computer engineering and sciences
PO3	Design/ Development of Solutions: Design solutions for complex computer engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
PO4	Conduct investigations of complex engineering problems using research-based knowledge and research methods including design of experiments, analysis and

	interpretation of data and synthesis of information to provide valid conclusions.
PO5	Modern Tool Usage: Create, select, and apply appropriate techniques, resources and modern computer engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
PO6	The Engineer and Society: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues, and the consequent responsibilities relevant to computer engineering practice.
PO7	Environment and Sustainability: Understand the impact of professional computer engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
PO8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of computer engineering practice.
PO9	Individual and Teamwork: Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.
PO10	Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO11	Project Management and Finance: Demonstrate knowledge and understanding of computer engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	Life-long Learning: Recognize the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1	**Professional Skills** - The ability to develop programs for computer-based systems of varying complexity and domains using standard practices.
PSO2	**Successful Career** - The ability to adopt skills, languages, environment, and platforms for creating innovative career paths, being successful entrepreneurs or for pursuing higher studies.

STUDENT INFORMATION

Project Title: Prescribe.ME - Voice Prescription using NLU

	Student 1	Student 2	Student 3	Student 4
Roll No/PRN	312010	312011	312021	312041
Name	Bhabal Rohan Ravindra	Bijapur Azim Ahmed Muktar Ahmed	Khan Arkaan Faizad	Shaikh Abuzar Hafizuddin
Class with Division	SE-Comps	SE-Comps	SE-Comps	SE-Comps
Contact No.	+91 9867274961	+91 8433895347	+91 9819414867	+91 8355896073
E-mail	rohan.312010.co@mhssce.ac.in	azimahmed.312011.co@mhssce.ac.in	arkaan.312021.co@mhssce.ac.in	abuzar.312041.co@mhssce.ac.in
Address	Ganesh Baugh	2nd Floor,Yaqub Manzil,	MS/RB-2/100/8	2nd floor, Club Road Building
	T.J Road,	Murbad Road,	Central Railway Colony	Mumbai Central Bus Depot,
	Sewri, Mumbai,	Syndicate	Kurla East,	Mumbai central,
	Mumbai– 400 015	Kalyan West – 421 301	Mumbai – 400 024	Mumbai – 400 008

INSTRUCTIONS TO STUDENTS:

1. The logbook must be submitted to the Guide or Co-Guide for verification and evaluation of project activities at least once in a week.
2. Logbook duly signed by the guide must be submitted with a project report for evaluation at the end of semester to the department.

DECLARATION

I declare that this project represents my ideas in my own words and wherever others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my project work. I promise to maintain minimum 75% attendance, as per the University of Mumbai norms. I understand that any violation of the above will be cause for disciplinary action by the Institute.

Yours Faithfully

1. **Bhabal Rohan Ravindra** 
2. **Bijapur Azim Ahmed Muktar Ahmed** 
3. **Khan Arkaan Faizad** 
4. **Shaikh Abuzar Hafizuddin** 

(Signature of Students)

Letter of Acceptance

I undersigned, **Prof. Anand Bali** working in the Computer Engineering department, willing to guide the project titled ***Desktop Virtual Voice Assistant using Python*** for the Mini Project 1A Semester III respectively for the ***Academic Year 2021-22.*** The names of the students are:

1.Bhabal Rohan Ravindra

2.Bijapur Azim Ahmed Muktar Ahmed

3.Khan Arkaan Faizad

4.Shaikh Abuzar Hafizuddin

(Project Guide) (Mini Project Coordinator) (HOD Computer)

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COURSE OUTCOMES

CO No.	COURSE OUTCOME	POs covered	PSOs covered
CO1	Identify problems based on societal /research needs.	PO1, PO2, PO4	PSO1, PSO2
CO2	Apply Knowledge and skill to solve societal problems in a group.	PO1, PO2, PO4, PO5, PO6, PO8	PSO1, PSO2
CO3	Develop interpersonal skills to work as a member of a group or leader.	PO1, PO2, PO4, PO9, PO11	PSO1, POS2
CO4	Draw the proper inferences from available results through theoretical/ experimental/simulations.	PO1, PO2, PO4, PO5, PO6, PO12	PSO1, POS2
CO5	Analyse the impact of solutions in societal and environmental context for sustainable development.	PO2, PO3, PO4, PO7, PO12	PSO1, POS2
CO6	Use standard norms of engineering practices	PO1, PO2, PO4, PO12	PSO1
CO7	Excel in written and oral communication.	PO1, PO4, PO8, PO9, PO10, PO12	PSO1
CO8	Demonstrate capabilities of self-learning in a group, which leads to lifelong learning.	PO1, PO2, PO4, PO12	PSO1
CO9	Demonstrate project management principles during project work.	PO1, PO2, PO4, PO11, PO12	PSO1, POS2

CO-PO-PSO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1														
CO2														
CO3														
CO4														
CO5														
CO6														

SCHEDULE FOR MINI PROJECT

Date	Week	Contents	Remark	Guide Sign
16/9/21	1	Introduction		
23/9/21	2	Discussion on title		
30/9/21	3	Introduction to technical paper		
7/10/21	4	Adding Abstract in technical paper		
14/10/21	5	Python Basics		
21/10/21	6	Determining the problem statement		
28/10/21	7	Problem statement definition		
11/11/21	8	Discussion on technical paper		
11/11/21	9	Finalizing the technical paper		
20/11/21	10	Initialized the construction of working model		
9/12/21	11	Making ppt and synopsis		
14/12/21	12	Submission of synopsis and ppt		

PROGRESS/ATTENDANCE REPORT

Title of the Project: ***Desktop Virtual Voice Assistant using Python***	
Group No.	**Bhabal Rohan Ravindra** **Bijapur Azim Ahmed Muktar Ahmed** **Khan Arkaan Faizad** **Shaikh Abuzar Hafizuddin**
Name of the Supervisor: **Er. Anand Bali**	

Sr. No	**Date**	**Attendance**				**Progress/Suggestion**	**Mapping**		
		1	**2**	**3**	**4**		**CO**	**PO**	**PSO**
1	16/9/21	p	p	p	p	Introduction			
2	23/9/21	p	p	p	P	Discussion on title			
3	30/9/21	p	p	p	p	Introduction to technical paper			
4	7/10/21	p	p	p	p	Adding Abstract in technical paper			
5	14/10/21	p	p	p	p	Python Basics			
6	21/10/21	p	p	p	p	Determining the problem statement			
7	28/10/21	p	p	p	p	Problem statement definition			
8	11/11/21	p	p	p	p	Discussion on technical paper			
9	11/11/21	p	p	p	p	Finalizing the technical paper			
10	20/11/21	p	p	p	p	Initialized the construction of working model			
11	9/12/21	p	p	p	p	Making ppt and synopsis			
12	14/12/21	p	p	p	p	Submission of synopsis and ppt			

Sign of the Supervisor

EXAMINER'S FEEDBACK FORM

Name of External examiner:_____

College of External examiner:_____

Name of Internal examiner:_____

Date of Examination:_____/____/_____

No. of students in project team: **4**

Availability of separate lab for the project: Yes / No

Student Performance Analysis (Put Tick as per your Observation)

Excellent (3) Very Good (2) Good (1)				
Sr. No.	**Observation**	**(3)**	**(2)**	**(1)**
1	Quality of problem and Clarity			
2	Innovativeness in solutions			
3	Cost effectiveness and Societal impact			
4	Full functioning of working model as per stated requirements			
5	Effective use of skill sets			
6	Effective use of standard engineering norms			
7	Contribution of an individual as member or leader			
8	Clarity in written and oral communication			
9	Overall performance			

- Can the same mini project extend to next semester by adding new objectives/ideas? (Yes/ No)
- If yes, suggest new Innovative Technique/Idea/ objectives related to this project.

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Signature of External Examiner **Signature of Internal Examiner**