

**Department of Artificial Intelligence and Data Science.**

**Vivekanand Education Society's Institute of Technology.**

Academic Year: 2021-2022.



**Mini Project**

**Logbook**

**TIC - TAC - TOE**

### **Group Members**

Roll No: 47.	Name- Yash Sarang.
Roll No: 58.	Name- Parth Suryavanshi.
Roll No: 59.	Name- Surabhi Tambe.
Roll No: 55.	Name- Shreya Singh.

Guide: Dr. Anjali Yeole.



# Vivekanand Education Society's

## Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

**2021-2022**

**Group No: 6 / D6AD.**

**Project Title: TIC - TAC - TOE.**

**Guide: Dr. Anjali Yeole.**

### Students Details:

	Member-1	Member-2	Member-3	Member-4
Roll	47	58	59	55
Name	Yash Sarang	Parth Suryavanshi	Surabhi Tambe	Shreya Singh
Class	D6AD	D6AD	D6AD	D6AD
Contact	9930507114	7208335681	8104770915	9119451557
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Signature				



### **Course Outcomes**

1. Identify problems based on societal /research needs.
2. Apply Knowledge and skill to solve societal problems in a group.
3. Develop interpersonal skills to work as a member of a group or leader.
4. Draw the proper inferences from available results through theoretical/experimental/simulations.
5. Analyse the impact of solutions in societal and environmental contexts for sustainable development.
6. Use standard norms of engineering practices
7. Excel in written and oral communication.
8. Demonstrate capabilities of self-learning in a group, which leads to lifelong learning.
9. Demonstrate project management principles during project work.

### Proposed Schedule for Mini Project:

Week/ Date	Content	Remark	Signature
1st, 2nd Week of Jan.	Preparing the Synopsis and Discussing the Content.	Done.	
3rd, 4th Week of Jan.	Preparing a prototype.	Done.	
5th Week of Jan + 1st, 2nd Week of Feb.	Discussing the working and the implementation of AI in our project.	Done.	
3rd, 4th, 5th Week of Feb.	Preparing the Presentation to present our Project in future Project Reviews.	Done.	
1st, 2nd Week of March.	Exploring, Studying, and Implementing the Minimax Algorithm.	Done.	
3rd, 4th Week of March.	Preparing the Logbook for our project.	Done.	
5th Week of March + 1st, 2nd Week of April.	Developing the Website and connecting the frontend with the backend.	Done.	
3rd, 4th, 5th Week of April.	Completing the logbook, report, and ppt of our project for the External Project Review.	Done.	



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1st Week of May.	Final External Project Review.	Done.	
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2021-2022

### Mini-Project Progress Report

Sem – 4

Project Gr No: 6

**Title:** TIC-TAC-TOE

**Guide:** Dr. Anjali Yeole.

Roll No	Name of Project Member
47	Yash Sarang
58	Parth Suryavanshi
59	Surabhi Tambe
55	Shreya Singh

Week/Date	Work Done	Students Present	Sign of Guide
23/1/2022	Distributing the workflow and creating a proper progress plan for the project.	Yash, Surabhi, Parth, Shreya.	
25/1/2022	Working on the 3x3 tic-tac-toe and starting the web development of the website.	Yash, Surabhi, Parth, Shreya.	
27/1/2022	Implementing different difficulties in the 3x3 tic-tac-toe code.	Yash, Parth.	
2/2/2022	Implementing the option to play as both the sides in tic-tac-toe.	Yash, Surabhi, Parth, Shreya.	
5/2/2022	Meeting with our guide to updating her about the status of our project.	Yash, Surabhi, Parth, Shreya.	

9/2/2022	Implementing different difficulties in the 4x4 tic-tac-toe code.	Yash, Parth.	
15/2/2022	Implementing different difficulties in the 5x5 tic-tac-toe code.	Yash, Surabhi, Parth, Shreya.	
19/2/2022	Implementing the Minimax for all boards.	Yash, Surabhi, Parth, Shreya.	
30/2/2022	Setting up the winning conditions.	Yash, Parth.	
7/3/2022	Adding various elements to the Website.	Yash, Surabhi, Parth, Shreya.	
13/3/2022	Debugging the final code.	Yash, Parth.	
18/3/2022	Preparing the Presentation for the internal Project review.	Yash, Surabhi, Parth, Shreya.	
24/3/2022	Internal Project Review. Review by Sangeeta Oswal Ma'am - "Needs a bit more work on the website part of the project"	Yash, Surabhi, Parth, Shreya.	
2/4/2022	Final Touches on the Websites, and setting up the local hosting for the final Review Presentation.	Yash, Parth.	
13/4/2022	Preparing the Logbook for our project to be submitted.	Yash, Surabhi, Parth, Shreya.	
17/4/2022	Preparing the Project Report and the Final Presentation of our Project.	Yash, Surabhi, Parth, Shreya.	
18/4/2022	Final InternalProject Review.	Yash, Surabhi, Parth, Shreya.	
4/5/2022	Final ExternalProject Review.	Yash, Surabhi, Parth, Shreya.	