**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.

**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 |
| Email | 2020.yash.sarang@ves.ac.in | 2020.parth.suryavanshi@ves.ac.in | 2020.surabhi.tambe@ves.ac.in | 2020.shreya.singh@ves.ac.in |
| 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. |  |
| 1st Week of May. | Final External Project Review. | Done. |  |

**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. |  |