## PROJECT BASED LEARNING LAB

***BRANCH/YEAR:*** *AIML – II*

***TEAM NAME:*** *Pixel Paddlers*

***PROJECT TITLE:*** *Pong Game*

**OBJECTIVE:** *Creating a Pong game serves as an educational endeavour, enhancing programming skills and providing practical experience in game development. It can be a portfolio highlight for aspiring developers, a nostalgic homage to classic games, or a collaborative social project. Ultimately, it offers a platform for learning, experimentation, and entertainment*

**TECHNOLOGY/PROGRAMMING LANGUAGE BEING USED:** *Python*

**TEAM MEMBERS:**

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| --- | --- | --- |
| **S.NO.** | **ROLL NO.** | **NAME** |
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**INTRODUCTION:**

Pong is one of the first computer games that ever created, this simple "tennis like" game features two paddles and a ball, the goal is to defeat your opponent by being the first one to gain10 point, a player gets a point once the opponent misses a ball. The game can be played with two human players, or one player against a computer controlled paddle. The game was originally developed by Allan Alcorn and released in 1972 by Atari corporations. Soon, Pong became a huge success, and became the first commercially successful game.

**SALIENT FEATURES:**

* **Simple Concept:** Pong is known for its straightforward and simple gameplay.
* **Multiplayer Interaction:** Pong is often played in a competitive mode, with players taking turns trying to outscore each other.
* **Paddle and Ball Physics:** The game features basic physics for the paddles and the ball.
* **Cultural Impact:** Its simplicity and popularity helped pave the way for more complex and advanced video games.

**BENEFITS:**

* **Simple Rules:** The straightforward rules of Pong make it easy for players of all ages to understand and enjoy.
* **Quick Gameplay Sessions:** Pong rounds are typically short, making it easy to play a quick game during a break.
* **Multi-Generational Appeal:** Because of its simple mechanics, Pong can be enjoyed by people of different ages.