

# PROJECT PROPOSAL

### PROJECT TITLE ROCK, PAPER, SCISSORS GAME

#### Introduction:

The Rock, Paper, Scissors game is a classic hand game played between two players (or a player and the computer). The goal of this project is to create a digital version of the game using Python and the tkinter module for a graphical user interface (GUI). This project will help users play the game interactively and understand basic programming concepts like randomization, conditional logic, and event-driven programming.

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#### **FEATURE'S:**

### ABOUT THAT

#### **GAME LOGIC**

The computer will randomly select Rock, Paper, or Scissors.

The game will compare the player's choice with the computer's choice and determine the winner based on the rules:

Rock beats Scissors

Scissors beats Paper

Paper beats Rock

#### **TOOLS & TECHNOLOGY**

Programming Language: Python

Libraries:

tkinter for creating the GUI.

random for generating the computer's choice.

Development Environment: Any Python IDE (e.g., PyCharm, VS Code, or Jupyter Notebook).

### **CONCLUSION!**

The Rock, Paper, Scissors game is a fun and simple project that demonstrates the use of Python and tkinter for creating interactive applications. It is an excellent way to learn and practice programming concepts while building a game that users can enjoy.

### MEET OUR TEAM



**Aaron Loeb**Founder



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