PROJECT PROGRESS REPORT

FOR

TETRIS GAME

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**Introduction**

This document provides a comprehensive progress report on the Tetrix game development project. Tetrix is a clone of the classic Tetris game, featuring falling blocks that must be manipulated to create complete rows. This report outlines the project's current status, milestones achieved, challenges faced, and next steps.

## Project Overview

**Project Name:** Tetrix  
**Project Type:** Game Development Using Python  
**Platform:** Desktop  
**Development Tools:** Python, Sql Lite, Tkinter ,Pygame

**Objectives**

1. Develop a playable clone of the classic Tetris game.
2. Implement core gameplay mechanics, including block falling, rotation, and line clearing.
3. Create an engaging user interface with sound effects and scoring.

## Milestones

### Milestone 1: Project Setup and Planning

* Initial project setup, including defining project scope, setting up the development environment, and creating a project plan.

### Milestone 2: Core Gameplay Mechanics

* Implementation of basic gameplay features:
  + Block falling and movement
  + Block rotation
  + Line detection and clearing
  + Score tracking

### Milestone 3: User Interface Design

* Development of the user interface, including:
  + Login and Registration Pages
  + Score display
  + Game over screen

### Milestone 4: Music Integration (Remaining )

* Integration of sound effects and background music to enhance the gaming experience.

### Milestone 5: LeaderBoard Integration (Remaining )

* Integration of leader board for making game more engaging.

**Current Status**

* **Progress:** 80% Completed
* **Key Achievements:** All core gameplay features and logic are functional; UI is fully implemented.
* **Pending Tasks:** music integration and leader board integration

## Conclusion

The Tetrix game project is progressing well, with most core features implemented and functional. The team is focused on finalizing the game, addressing any remaining issues, and preparing for deployment. The project is on track to meet its objectives and deliver a high-quality gaming experience.