

Github Integration

Project Manager Notes

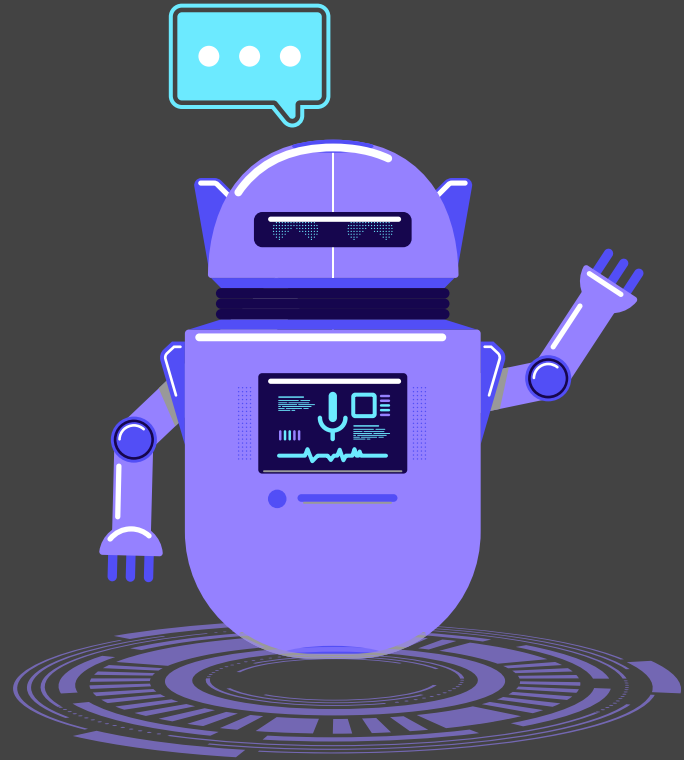


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OBJECTIVES



My Aim

My aim as the Project Manager is to call meetings, discuss project goals and establish a schedule for everyone in the group to successfully accomplish the delivery of our game.



THE GOALS

Goals inside a company are usually specific and measurable, with clearly defined deadlines and outcomes. The groups goals help focus the actions of the organization and ensure resources are used effectively

Phase 2 – System Design Document (SDD)

A System Design Document (SDD) describes design goals and considerations, provides a high-level overview of the system architecture, and describes the data design associated with the system, the human-machine interface, and operational scenarios. For this Unity Project, the system requirements would include the hardware and software needed to run the Unity game effectively. This includes a compatible operating system (Windows 7 SP1+, macOS 10.13+, or Ubuntu 16.04/18.04). The system architecture of a Unity 2D game involves defining a high-level structure of the game, including the main game loop, scene management, and the interaction between different game objects and components. This also includes the use of Unity's Entity Component System for efficient game object management. In Unity, system components are typically represented as GameObjects and their attached components. For a 2D game, fundamental components include Transform, Sprite Renderer, Camera's, and Collider 2D. Each component's design will depend on its role within the game. System interfaces in a Unity game can refer to how different systems within the game interact with each other. This could be how player input is handled, how data is passed between scenes, or how game objects interact with each other. Unity provides various built-in systems to facilitate these interactions. The data model for a Unity game could include the game state, player data, game settings, and more. This data can be stored in many ways, such as scriptable objects, PlayerPrefs, or external databases. The SDD document for a Unity game would detail all the above steps, providing a comprehensive overview of the game's designs and architecture. This document should be kept up to date as the project evolves.