

AI Task Prioritization Tool – Agile Simulation Project

📄 Project Overview

This project is a simulation to demonstrate how project managers can lead AI-driven technical projects without directly writing code. The focus was on building an AI-powered task prioritization tool — one that helps PMs identify what truly matters using a scoring model based on urgency, impact, and effort.

The project followed Agile Scrum principles and included hands-on work with tools like Jira and GitHub, while emphasizing delivery, tracking, and communication from a project manager’s lens.

📄 Project Goals

- Simulate a complete Agile product development lifecycle
- Apply Scrum best practices in a structured sprint
- Practice PM leadership in a technical AI project
- Showcase visibility, traceability, and collaboration using tools

📄 Tools & Techniques Used

Tool	Purpose
Jira	Created project board, epics, user stories, and story points. Managed sprints, backlogs, and tracked progress.
GitHub	Maintained project documentation and smart commit integration with Jira. Used to simulate collaboration.
Agile Ceremonies	Sprint 1 and 2 was planned and executed. Daily stand-ups were simulated. Jira used for tracking.
UI Wireframe (Basic)	Described the task input logic and scoring structure in documentation

📄 Key Takeaways

- PMs can lead technical/AI-based projects by mastering tools, defining structure, and managing delivery — even without coding.
- Structured sprints, Jira-GitHub integration, and clear goals are enough to simulate real-world agile project delivery.
- Agile isn't just a framework, it's a mindset to adapt, lead, and collaborate — especially in technical domains like AI.

📄 GitHub Repo

📄 [hriverine/ai-task-prioritization: An AI-based internal tool to prioritize project tasks based on urgency, impact, and effort](#)