# 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

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| **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](https://github.com/hriverine/ai-task-prioritization)