

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTATIONAL INTELLIGENCE

18CSP109L/18CSP111L PROJECT

SECOND REVIEW REPORT

AIR Group Name: DSBS

GUIDE NAME: Dr. G. Vadivu

Review Date: 18/01/24

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Tentative Title	Exploring The Solar System with Machine Learning Agents via Deep Reinforcement Learning
Progress Review	Evaluating the milestones achieved since the first review, such as the completion of the basic environment setup and initial AI implementation. Assessing how well these elements are integrating and functioning within the Unity platform.
Challenges encountered	Discussing any technical or conceptual challenges that have arisen, such as issues with AI behavior, integration bugs, or performance inefficiencies. Identifying solutions or adjustments needed to address these challenges.
AI Training and Deployment	Reviewing the initial results from the AI training sessions using DRL with PPO. Analyzing the agent's ability to learn navigation and tracking tasks, and discussing tweaks to the training regimen or algorithm parameters to improve learning outcomes.
Resource Allocation	Evaluating if the current resource allocation is sufficient to meet the upcoming project demands. This could include adjusting team assignments or requesting additional tools or computational resources. Updating risk assessments based on current project status and any new risks identified. Discussing mitigation strategies to ensure the project stays on track.

Signature of AIR Group Head

Signature of Guide