研 究 指 導 計 画 書

Research Guidance Plan

<div align="right">

27 年 10 月 2023 日
Year   Month   Day

</div>

総合科学技術研究科・情報学専攻長　殿
To Dean of Department of Informatics, Graduate School of Integrated Science and Technology

学生氏名 Student Name	RAFI MD ASHIFUJJMAN		
学籍番号 Student No.	71330708	年　次 Year	2023
専　攻 Department	情報学専攻 Department of Informatics	コース Course	情報学コース Informatics Course
教育研究分野 Field	Multi-Agent Systems (MAS)		

<table>
<tr><td colspan="6" align="center">10 年 2023 月入学 ～ 10 年 2025 月修了予定</td></tr>
<tr><td>Enrolled in</td><td>(Month),</td><td>(Year)</td><td>/ Completing in</td><td>(Month),</td><td>(Year)</td></tr>
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研究題目 Research Theme

Multi-Agent System for Dynamic Traffic Control and Optimization

研究計画（学生が記入） Research Plan (by Student)

The main idea is to develop a multi-agent system that focuses on dynamic traffic control to reduce traffic congestion in real time through multiple intelligent agents. The agents will use computer vision for real time data collection and use machine learning for data analysis. MAS agents will be capable of predicting traffic flow patterns, including congestion and accidents, enabling proactive corrective actions.

研究指導計画（指導教員が記入） Research Instruction Plan (by Academic Supervisor)

指 導 教 員 氏 名 Academic Supervisor	Prof. FUKUTA Naoki
副 指 導 教 員 氏 名 Academic Co-supervisor	Prof. LEE Hao

＊記載内容に変更が生じた場合は教務係に申し出ること。

　Report to the Educational Affairs Unit of the Faculty of Informatics in case of any changes to the information registered.