筑波大学
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Practical Development for IoT and Embedded Systems

Report 3 on Personal Approach to Team Building

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1 Introduction

In the IoT class project, where we developed a touchscreen simulation using Raspberry Pi and ultrasonic sensors, I recognized the pivotal role of proactive team building for project success. Drawing from the experiences and lectures on team dynamics, **I would focus on several personal initiatives to enhance our team's effectiveness**.

2 Considered Approaches

Firstly, I would concentrate on facilitating **open communication**. Given the technical complexity of our project, ensuring that every team member feels comfortable voicing opinions and sharing ideas is vital. I would initiate **regular informal meetings**, where aside from project updates, team members could express any concerns or suggestions without the formal structure of our regular sessions. These could be **short, focused discussions** aimed at fostering a supportive atmosphere.

Secondly, I would take the initiative to **create a structured feedback system**. By implementing regular feedback loops where team members can critique and compliment one another's contributions anonymously, it would promote a culture of continuous improvement and personal accountability. This feedback would be discussed collectively, allowing us to **adjust our workflows and interactions** to better suit our project needs.

Furthermore, **conflict resolution** would be another area where I would take a proactive stance. By **establishing clear protocols for addressing disagreements or frustrations**, we could **prevent potential conflicts from escalating** and affecting

team morale and project progress. **My role would involve being an impartial mediator during disputes**, ensuring all sides are heard and facilitating a constructive resolution.

Finally, to keep the team motivated and aligned with the project goals, I would organize **brief weekly/regular recap sessions**. Here, we would review our progress against the project milestones and celebrate small successes. This would not only keep everyone informed but also help **maintain enthusiasm and collective drive** towards our objectives.

3   Conclusion

Through these initiatives, I aim to strengthen our team's cohesion and enhance our collaborative efforts, ensuring that we not only meet but exceed our project objectives throughout the efficient workflow.

References

1. **Mamanchuk N., University of Tsukuba**, Github, June 25, 2024. Available online: `https://github.com/RIFLE`