Project Updates: 03-11-2023

Sidharth Shanmugam

November 9, 2023

Introduction

- **Supervision Meetings:**
  Consists of a listing in table format of the supervision meetings that have occurred since the last update, including dates, attendees, and a brief description of discussions and actionable items.

- **Actionable Items Recap:**
  Consists of a listing in table format of the actionable items from the previous week, briefly discussing the progress made and pending tasks.

- **Additional Project Updates:**
  Consists of updates that weren't 'actionable items' from the previous week, such as brief overviews of experiments conducted, data collected, and research findings.

- **Next Week's Agenda:**
  Consists of a listing in table format of the actionable items to complete before the next weekly update, including task descriptions, rough timelines, and success metrics.

- **Comments & Concerns:**
  Consists of a brief analysis of comments or observations about other aspects of the project, such as facilities, work environment, and any outside interest in the project. Furthermore, outlines any concerns about the project.

1   03-11-2023

1.1   Supervision Meetings

Date	Agenda	Actionable Items	Attendees
31/10/2023	• Pinpointing project scope/objectives. • Laying out rough schedule based on project objectives. • Getting started on pre-reading/literature review. • Discussing organisational tips/workflows. • Schedule for re-occurring meetings.	• Next meeting in person to see existing lighting system. After seeing the existing system, I can decide the avenue I'd like to pursue. • Carry out some rough preliminary research for the 4 potential objectives: improving real-time computing, underwater testing, backscatter depth perception, ML-based backscatter position tracking.	• Sidharth Shanmugam • Paul Mitchell • Benjamin Henson

1.2   Actionable Items Recap

Actionable Item	Progress Report	Pending Tasks

No actionable points from the last weekly update.

1.3   Additional Project Updates

Additional Update	Description
Created project journal	• Created project-journal GitHub repository. • Consisting of Word doc outlining entire project progress.

1.4   Next Week's Agenda

Actionable Item	Description	Success Metrics	Target
Preliminary research	• Read about each of the 4 objectives, make notes on the technical aspects that would be required for each in project journal.	• Make notes in project journal, discuss during the next supervision meeting.	Thursday
Next supervision meeting	• Next supervision meeting to take place on Thurs 9th Nov @ 2pm at the ISA (Paul Mitchell to send calendar invite). • As discussed in the last virtual supervision meeting, after seeing the lighting system it'll be easier to decide which avenue I want to research. • Since the next meeting is at the ISA I may get a tour of the facilities. I can learn about the tools I'll have at my disposal for this project.	• Not very easy to generate measurable success metrics for these items. • Decide on one of the 4 objectives. • Make notes on useful facilities for this project at the ISA in project journal.	Friday

1.5   Comments & Concerns

No comments or concerns at the moment.