COMP3000 – Project Portfolio

Computing Project

2022/2023



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# Acknowledgement

(Say thank you)

# Links

|  |  |
| --- | --- |
| **Document Reference** | **Online Links** |
| [Gantt Chart](#_Gantt_Chart) | [High Res Image (Imgur)](https://i.imgur.com/RVbzxjV.png), [(Mirror)](https://files.catbox.moe/5wyc0n.png) |
| [Trello Board](#_Trello_Board) | [Trello](https://trello.com/invite/b/stCxAKF8/bacc4ca9cf8aefa46403a2451d15e98f/comp3000computingproject) |
| [Version Control](#_Version_Control) | [GitHub](https://github.com/greatyarn/COMP3000_Computing_Project) |
| [Meeting Minutes](#_Meeting_Minutes) | [OneDrive](https://liveplymouthac-my.sharepoint.com/:w:/g/personal/gregory_kua_students_plymouth_ac_uk/ET_B3DV5e4NFkSzo-IntXoQB-lrf6EN-2o3SvNtGJFMPZQ?e=sp2L0p) |
| [Linux GUI Issue](#Linux_GUI_Issue) | [High Res Image (Imgur)](https://imgur.com/a/XXE2ADH) ([Mirror](https://files.catbox.moe/wo4iak.zip)) |
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# Introduction

## Project Vision

*The QTrobot is a toddler-like humanoid robot built by LuxAI. This project, Audio Authentication via Voice Recognition on QTrobot, or AAVR for short, is a software for patients who would like to allow for an easy way to authenticate themselves through robots with the use of their voice. This authentication process with the use of a human voice allows for patients to retrieve their medical records, which might contain their age, height, and weight. This method of authenticating by voice is safer and more convenient as it reduces the amount of human interaction that is needed, therefore allowing for an improvement of personal data security as a whole. With voice authentication, this allows for multiple different patient profiles to be set up conveniently.*

## Background

(Background bout the project)

## Gantt Chart

(Intro explanation to the Gantt chart)

Chart, timeline, bar chart

Description automatically generated

## Poster

(Poster to be inserted here)

# Project Management

## User Stories

## Project Planning

### Trello Board

(Talk about Trello board)

### Version Control

## Project Development

## Project Testing

## Meeting Minutes

# Sprint Reviews

(Intro towards Sprints here)

## Sprint 0

Graphical user interface, text, application, chat or text message

Description automatically generated

Sprint 0 runs from the 6th October till 20th October. The project initiation document (PID) was made that includes the title of the project, project vision, risks, Gantt chart. This initial document will be the basis for the whole project which shows where the project would head in the future and acts as a steppingstone. The GitHub Repository has also been made during this sprint. A Trello board has also been set up to allow for management of tasks and within Trello automations has been set up for automatic labelling.

## Sprint 1

Graphical user interface, text, application, chat or text message

Description automatically generated

Sprint 1 runs from 20th October till 3rd November 2022. During this sprint the QTrobot was checked to make sure that it can turn on and off it’s microphone via the ROS service. The base code was pushed with a template. It was here where there was a Linux GUI issue which did not allow me to run the terminal or any system apps. It was then fix within a week.

## Sprint 2

## Sprint 3

## Sprint 4

## Sprint 5

## Sprint 6

## Sprint 7

## Sprint 8

## Sprint 9

## Sprint 10

## Sprint 11

## Sprint 12

## Sprint 13

## Sprint 14