

Is Mayonnaise An Instrume...

Project Logistics

- Design Presentation
- Interim Demo
- Final Presentation
- 1 Slack Time
- 2 Finalize Hardware Requirements
- 3 Finalize CV Approaches
- 4 Place Hardware/Parts Orders
- 5 Create Design Presentation
- 6 Create Final Presentation and Demo

CV Detection Implementation

- 7 Jetson Setup and Installation of Jet...
- 8 Research JIL / Arbitrary Object Det...
- 9 Research and Detect ArUco Markers
- 10 Develop Contact Detection Algori...
- 11 Removal of Motion Blur
- 12 Helmet and Glove Design
- 10 T-Contact Detection Accuracy
- 11 T-Communication with MIDI Board
- 12 T-Communication with Video Boa...
- 13 T-Overall Integration
- 14 Extra Features

Sensor Board Implementation

- 15 Develop Complementary Filter for...
- 16 Acquire Data from Sensors using ...
- 17 Acquire Data from Sensors using...
- 18 Develop Data Post-Processing Me...
- 19 Glove and Micro Casing Design
- 20 T-Communication with MIDI Board
- 21 T-Accuracy of Pressure Sensor Da...
- 22 T-Accuracy of Accelerometer Data
- 23 T-Communication with Video Boa...
- 24 T-Overall Integration
- 25 Extra Features

MIDI Board Implementation

- 26 Research MIDI Packaging Method
- 27 Implement MIDI Generation on Bo...
- 28 T-MIDI Output on Max for Live
- 29 T-I2C Communication with Uno
- 30 T-Communication with Other Boa...
- 31 T-Latency of MIDI Generation
- 32 Create a Max Patch for Synthesizer
- 33 T-Latency of Communication
- 30 T-Overall Integration
- 31 Extra Features

