*Use this template to record key aspects of the project and gain stakeholder agreement. To adjust rows, go to the Layout menu.*

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Overview** | | | | | | | | |
| Project Aim | Create ML architecture for the gesture recognition in TG0 products before Jan 2023 | | | | | | | |
| Problem  (or Opportunity) Statement | The current ML models on the market is not accurate enough for the gesture recognition and rarely any of them were applied in a mature product | | | | | | | |
| Scope | In Scope: | Market research, coding, documentation | | | | | | |
| Out of Scope: |  | | | | | | |
| Objectives | Create ML workflow for all suitable TG0 products | | | | | | | |
| Benefits | Lead the market by having in-house ML models | | | | | | | |
| **Planning** | | | | | | | | |
| [Key Activities & Timelines](https://app.asana.com/0/1199888321822526/timeline) | Activity | | P1 | P2 | P3 | P4 | P5 | P6 |
| Market research | |  |  |  |  |  |  |
| Data collection platform | |  |  |  |  |  |  |
| Data collection and analysis | |  |  |  |  |  |  |
| Moedel training | |  |  |  |  |  |  |
| Add error correction | |  |  |  |  |  |  |
| Productisation and summary | |  |  |  |  |  |  |
| [Deliverables](https://app.asana.com/0/1199888321822526/list) |  | | | | | | | |
| Key Risks | 1. Cannot stream both raw data and IMU data at the same time. So only normalized data is used in ML training | | | | | | | |
| Resources | Knowledge help from Ivan and hardware support from TG0 | | | | | | | |
| **People** | | | | | | | | |
| Sponsor | UKRI | | | | | | | |
| [Stakeholders](Stake%20holder%20mapping%20tool.xlsx) |  | | | | | | | |
| Project Manager | Ying Liu | | | | | | | |
| Project Team | Ying, Ivan, Fran, Liucheng, Dimitri | | | | | | | |