# G.U.A.R.D

# Iteration Plan

[Note: Text enclosed in square brackets and displayed in blue italics (style=InfoBlue) is included to provide guidance to the author and should be deleted before publishing the document.]

# 1. Key milestones

[Key dates showing timelines, such as start and end date; intermediate milestones; synchronization points with other teams; demos; and so on for the iteration.]

|  |  |
| --- | --- |
| **Milestone** | **Date** |
| Iteration start | 03.04.2017 |
| GPS Implementation | 17.04.2017 |
| Video Feed | 15.04.2017 |
| Database | 13.04.2017 |
| Iteration stop | 17.04.2017 |

# 2. High-level objectives

* Implement the GPS module on the SmartCar
* Sending and receiving GPS coordinates
* Getting the SmartCar to follow a phone
* Having a video feed without great delay
* Creating a database for storing account information
* Writing and reading from the database

# 3. Work Item assignments

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Name or key words of description** | **Priority** | **State** | **Reference material** | **Target iteration** | **Assigned to (name)** | **Hours worked** | **Estimate of hours remaining** |
| GPS following | Medium | 60% | [Trello Board](https://trello.com/b/e5XdXrO9/sprint-4) | Sprint 7 | Erik Laurin | 40 | 30 |
| GPS coordinates | High | 90% | [Trello Board](https://trello.com/b/e5XdXrO9/sprint-4) | Sprint 4 | Gabriell Bulai | 20 | 5 |
| SmartCar modes | Medium | 75% | [Trello Board](https://trello.com/b/e5XdXrO9/sprint-4) | Sprint 4 | Justinas Stirbys | 5 | 5 |
| Video Feed | High | 100% | [Trello Board](https://trello.com/b/e5XdXrO9/sprint-4) | Sprint 4 | Shuan McMurray | 20 | 0 |
| Toolbar refactoring | Medium | 100% | [Trello Board](https://trello.com/b/e5XdXrO9/sprint-4) | Sprint 4 | Justinas Stirbys | 15 | 0 |
| Gyroscope | High | 100% | [Trello Board](https://trello.com/b/e5XdXrO9/sprint-4) | Sprint 4 | Joacim Eberlen | 15 | 0 |
| Bearing and angle calculations | Medium | 100% | [Trello Board](https://trello.com/b/e5XdXrO9/sprint-4) | Sprint 4 | Boyan Dai | 10 | 0 |

# 4. Issues

|  |  |  |
| --- | --- | --- |
| **Issue** | **Status** | **Notes** |
| Lacking in communication | Addressed | Miscommunications resulted in differing understandings of the definition of done for tasks |
| Tardiness | Addressed | Team members showing up late to meetings |
| Need to try new practices | Solved | Practices such as pair programming etc. will be carried out the forthcoming sprints |

# 5. Evaluation criteria

## Code refactored and approved by the team

## Video Stream with little to no delay achieved

## Prepared for technical demo.

# 6. Assessment

[Use this section for capturing and communicating results and actions from assessments, which are typically done at the end of each iteration. If you don’t do this, the team may not be able to improve the way they develop software.]

|  |  |
| --- | --- |
| Assessment target | Sprint 4 |
| Assessment date | Iteration stop |
| Participants | Emil Alegroth, Chiara Lucatello, Mayra Soliz, Axel Granli, Boyan Dai, Erik Laurin, Gabriel Bulai, Joacim Eberlen, Justinas Stirbys, Shaun McMurray |
| Project status | On Track |

## Assessment against objectives

The objectives were addressed.

## Work Items: Planned compared to actually completed

All work items were addressed, video feed, database and Toolbar refactoring was finished.

GPS following, coordinates and the different SmartCar modes were carried over to the next sprint.

## Assessment against Evaluation Criteria Test results

The video feed were performing as expected, minor delays but in accordance with the requirements.

Toolbar refactoring was finished.

## Other concerns and deviations

Stakeholders seemed satisfied with the progress made.