



<i>Date</i>	<i>Version</i>	<i>Description</i>	<i>Author</i>
18-Nov-2019	1.0	Sprint Report # 1	Carlo Casiglia

# CYCLING ADVOCACY

*for the Cyclists' Union*

## Sprint # 2

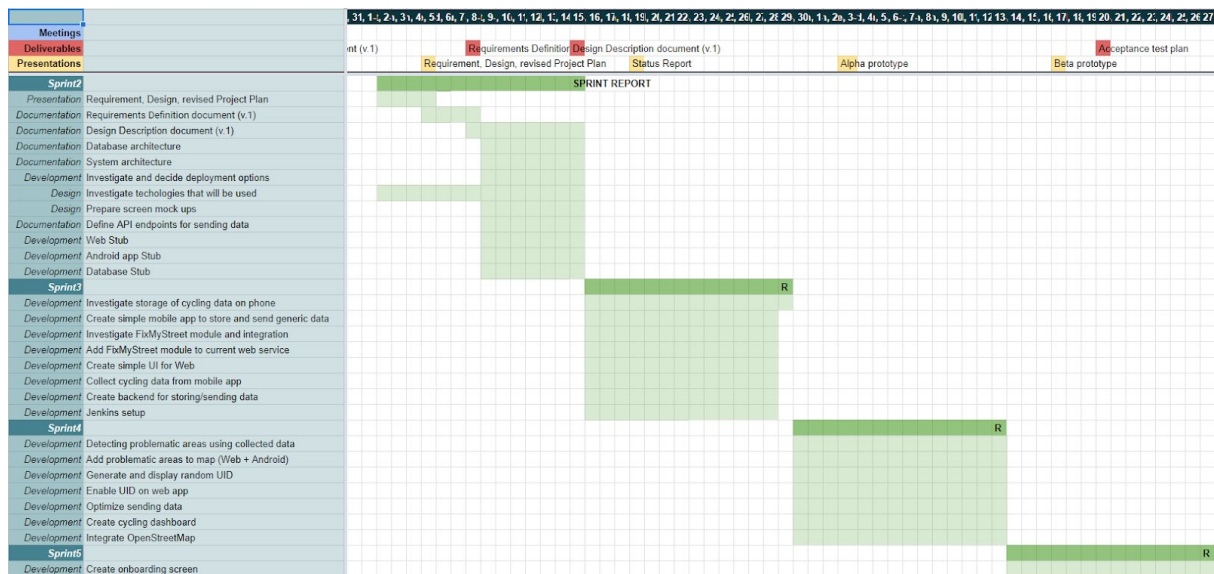
### *Sprint Report*

#### **Sections**

0. Gantt Diagram	2
1. <b>Team and Hours of Works</b>	2
2. <b>Meetings</b>	2
3. <b>Sprint Overview</b>	3
3.1 Deliverables	3
3.2 Detailed Task Report	3
4. <b>Sprint Retrospective</b>	4
4.1 What we did good	4
4.2 What we did bad	4
4.3 What we can improve	4
5. <b>Next Sprint Planning</b>	4
5.1 Deliverables	4
5.2 Tasks	5

Cycling Advocacy	Version: 1.0
Sprint Report	Date: 18-Nov-2019

## Sprint # 2



Gantt diagram of the project at this moment

### 1. Team and Hours of Work

Team Member	Role	Location	Hours
Sandra Kuzmić	Product Owner	FER	26
Carlo Casiglia	Scrum Master	POLIMI	26
Saloni Kyal	PoliMI Team Leader	POLIMI	20
Dominik Kotarski	Developer	FER	11.5
Elena Bakuleva	Developer	POLIMI	10
Izabella Szydelko	Developer	FER	16
Federico Ferri	Developer	POLIMI	23
Boris Vezmar	Developer	FER	22

### 2. Meetings

1. Team meeting on November 7th
2. Revision meeting on November 11st
3. Team meeting on November 12nd
4. Team meeting on November 14th

Cycling Advocacy	Version: 1.0
Sprint Report	Date: 18-Nov-2019

### 3. Sprint Overview

#### 3.1 Deliverables

##### Items selected for the sprints:

1. Requirement, Design, revised Project Plan presentation held on Nov 5th
2. Requirement definition document delivered on Nov 8th
3. Design description document delivered on Nov 15th
4. App and website mockups
5. API definition
6. Database setup
7. Android application stub setup
8. Backend application stub setup

#### 3.2 Detailed Task Report

<b>Task</b>	<b>Type</b>	<b>Owner</b>	<b>Status</b>	<b>Hours</b>
Architecture Design for ppt	<i>Design</i>	<i>Sandra</i>	<i>Finished</i>	4
Backend Technology Stack Design	<i>Design</i>	<i>Carlo</i>	<i>Finished</i>	6
Write and Deliver Proposals to Tom + Optional part agreement	<i>Documentation</i>	<i>Boris</i>	<i>Finished</i>	2
Updated Project Document - revision of v1	<i>Documentation</i>	<i>Dominik</i>	<i>Finished</i>	1
Requirement Document 1	<i>Documentation</i>	<i>Dominik</i>	<i>Finished</i>	0
Requirement Document 2	<i>Documentation</i>	<i>Boris</i>	<i>Finished</i>	3
UC diagram	<i>Documentation</i>	<i>Lena</i>	<i>Finished</i>	3
Work on presentation part 1	<i>Presentation</i>	<i>Federico</i>	<i>Finished</i>	2
Work on presentation part 2	<i>Presentation</i>	<i>Saloni</i>	<i>Finished</i>	5
Prepare Minutes of Meetings for meeting with supervisor	<i>Meeting</i>	<i>Dominik</i>	<i>Finished</i>	1
Prepare Minutes of Meetings for weekly meeting	<i>Meeting</i>	<i>Izabella</i>	<i>Finished</i>	1
Sprint Report	<i>Scrumming</i>	<i>Carlo</i>	<i>In Progress</i>	1

Cycling Advocacy	Version: 1.0
Sprint Report	Date: 18-Nov-2019

Fill up the Backlog	<i>Scrumming</i>	<i>Sandra</i>	<i>Finished</i>	4
Forming Internal Teams	<i>Communication</i>	<i>Collective</i>	<i>Finished</i>	1
Data Management Document (privacy, etc)	<i>Documentation</i>	<i>Carlo</i>	<i>Next Sprint</i>	0
Team Meeting on Thursday 7th	<i>Meeting</i>	<i>Collective</i>	<i>Finished</i>	2
Team Meeting on Tuesday 12nd	<i>Meeting</i>	<i>Collective</i>	<i>Finished</i>	2
Team Meeting on Thursday 14th	<i>Meeting</i>	<i>Collective</i>	<i>Finished</i>	1
Meeting with the customer	<i>Meeting</i>	<i>Collective</i>	<i>Finished</i>	1
Mockups - web	<i>Design</i>	<i>Saloni</i>	<i>Finished</i>	3
Mockups - android	<i>Design</i>	<i>Boris</i>	<i>Finished</i>	6
Mockup- android 2	<i>Design</i>	<i>Izabella</i>	<i>Finished</i>	6.5
OpenAPI documentation	<i>Documentation</i>	<i>Federico</i>	<i>Finished</i>	5
Setup the backend	<i>Development</i>	<i>Federico</i>	<i>Finished</i>	2
Setup the frontend	<i>Development</i>	<i>Sandra</i>	<i>Finished</i>	2
Setup android app	<i>Development</i>	<i>Sandra</i>	<i>Finished</i>	2
DB setup	<i>Development</i>	<i>Federico</i>	<i>Finished</i>	2
Deployment options	<i>Development</i>	<i>Deployment</i>	<i>Next Sprint</i>	
Requirement Doc revision according to supervisors' notes	<i>Documentation</i>	<i>Carlo</i>	<i>Next Sprint</i>	2
Design Document - Application Section	<i>Documentation</i>	<i>Saloni</i>	<i>Finished</i>	5
Design Document - Application Section	<i>Documentation</i>	<i>Boris</i>	<i>Finished</i>	4
Design Document - Application Section	<i>Documentation</i>	<i>Izabella</i>	<i>Finished</i>	1
Design Document - Backend Section	<i>Documentation</i>	<i>Carlo</i>	<i>Finished</i>	6
Design Document - Backend	<i>Documentation</i>	<i>Dominik</i>	<i>Finished</i>	1

Cycling Advocacy	Version: 1.0
Sprint Report	Date: 18-Nov-2019

Section				
Design Document - Backend Section	<i>Documentation</i>	<i>Federico</i>	<i>Finished</i>	4
Design Document - Web Frontend Section	<i>Documentation</i>	<i>Sandra</i>	<i>Finished</i>	7
Design Document - Database Section	<i>Documentation</i>	<i>Federico</i>	<i>Finished</i>	1
Design Document - Architecture	<i>Documentation</i>	<i>Carlo</i>	<i>Finished</i>	2
Design Document - Architecture	<i>Documentation</i>	<i>Dominik</i>	<i>Finished</i>	1
Design Document - Final Revision + c/p 1. 2. chapter + Publish	<i>Documentation</i>	<i>Carlo</i>	<i>Finished</i>	2
Prepare Minutes of Meetings for Tuesday's additional meeting	<i>Meeting</i>	<i>Izabella</i>	<i>Finished</i>	0.5
Prepare Minutes of Meetings for weekly meeting-2	<i>Meeting</i>	<i>Dominik</i>	<i>Finished</i>	0.5

## 4. Sprint Retrospective

### What we did good

1. We had a very effective task assignment
2. We've accomplished daily sprints correctly
3. We accomplished in delivering the presentation and the documents
4. We accomplished all of the items selected
5. We produced a detailed design of the whole system, talking in detail about the architecture, the various modules, and how to implement the most difficult parts
6. We worked divided into internal teams and we succeed both in communicating internally with our teams, both externally, coordinating the work and producing a common document in very few time
7. We talked a lot more. Started working in internal teams actually helped, because we could make smaller calls on specific topics.

### What we did bad

1. We had some troubles into allineate about some concepts and terms
2. We haven't discussed some topics in advance to collective meetings, causing misplaces discussion during the meeting and losing time

Cycling Advocacy	Version: 1.0
Sprint Report	Date: 18-Nov-2019

### **What can we improve?**

1. We should try to be more prepared before team meeting, with a predefined agenda and a list of topic we have to break through collectively
2. We should define with precision definitions and concepts

## **5. Next Sprint Planning**

### **5.1 Deliverables**

1. Complete some unattended tasks from sprint 1
2. Status report presentation on Tuesday the 19th
3. Revise the requirement document in order to get it aligned with the design description document
4. Setup a working application: Android app should be able to collect and send GNSS and Motion data, and the backend should be able to collect and store them
5. Revise the design description document with supervisors notes
6. Try to setup FixMyStreet module
7. Create a sample UI for the web fronted
8. Setup Jenkins for continuous integration

### **5.2 Tasks<sup>12</sup>**

<b>Task</b>	<b>Type</b>	<b>Owner</b>	<b>Estimated</b>
Create simple mobile app to preview/collect sensor data	<i>Development</i>	Android Team	6
Try some simple on-device calculations (speed, duration, bumps?...)	<i>Development</i>	Android Team	6
Collect cycling data from mobile app	<i>Development</i>	Android Team	4
Investigate storage of cycling data on phone	<i>Development</i>	Android Team	4
Create simple mobile app to store and send generic data	<i>Development</i>	Android Team	5
Investigate FixMyStreet module and integration	<i>Development</i>	Backend Team	8

<sup>1</sup> Some tasks are assigned to teams because we found impossible (and not useful) to make a meticulous assignment in advance (we don't have enough time in sprint meetings and we don't have completely clear ideas in mind). It is more useful to write down all the tasks we know, then each team discusses them and rewrite them more in detail (e.g. a single task assigned to a team can be split in 3 tasks assigned to 3 team members).

<sup>2</sup> We've added a column for estimation of time.

Cycling Advocacy	Version: 1.0
Sprint Report	Date: 18-Nov-2019

Add FixMyStreet module to current web service	<i>Development</i>	Backend Team	10
Create simple UI for Web	<i>Development</i>	Sandra	6
Jenkins setup	<i>Development</i>	Deployment Team	5
Status report ppt part1	<i>Presentation</i>	Boris	4
Status report ppt part2	<i>Presentation</i>	Dominik	4
Status report ppt part3	<i>Presentation</i>	Sandra	4
Requirements document fix	<i>Documentation</i>	Unassigned	3
Create backend for storing/sending data	<i>Development</i>	Backend Team	10
Setup API	<i>Development</i>	Backend Team	6
Data Management Document (privacy, etc)	<i>Documentation</i>	Carlo	3
Deployment options	<i>Development</i>	Deployment Team	2
Prepare Minutes of Meetings for meeting with supervisor	<i>Meeting</i>	Lena	1
Requirement Doc revision according to supervisors' notes	<i>Documentation</i>	Carlo	4

*End of document*