



Minutes of Meeting

Project	Cycling Advocacy	Date	11-11-2019
		Start-end time	12.30-14:00
Responsible	Dominik Kotarski	Location /type	Skype

Attended by	Location	Remarks
Ivana Bosnić	FER, Croatia	FER Supervisor
Elisabetta Di Nitto	Polimi, Milan	Polimi Supervisor
Saloni Kyal	Polimi, Milan	Developer
Carlo Casiglia	Polimi, Milan	SCRUM Master
Federico Ferri	Polimi, Milan	Developer
Sandra Kuzmić	FER, Croatia	Product Owner
Boris Vezmar	FER, Croatia	Developer
Izabella Szydelko	FER, Croatia	Developer
Dominik Kotarski	FER, Croatia	Developer

1. Introduction:

We discussed our requirements document, and some details around data structure, app features and the way we analyse the data

2. Requirements document discussion:

- Details are missing again. A developer reading the document can not deduce everything from the document alone. The document should be able to standalone support a new developer.
- E.G CFR-1 - what data do we collect, how do we collect it? Which sensors do we use?
- Frederico: We are missing the link between data and road conditions - how will we analyze data?
- Elisabetta: We should write that we are still missing how we are going to analyze the data - what exactly are we going to do.
- Ivana: Automatic upload on wifi is a bit implicit. What happens when you are not connected to the wifi? Be clear
- E.G CFR-4: What does current road conditions mean? We should specifically include info that the user is viewing a map.
- An idea for a requirement: Notify the rider of an upcoming bump? - optional requirement? Check with the customer!
- E.G CFR-10 - what are trip statistics? Define this term.
- Define road condition as data derived from our data, define road issues as issues reported by users through FixMyStreet
- Review their previous trips - define this!
- Overloading the service? What does that mean?
- What about internationalization? Check with customer?
- US-5 Add requirements for this or remove it.
- User stories vs use cases? Why are they not connected?
- Connect user stories with use cases as well.

- Screen off - define what this means exactly! Ivana: Both sides should be really clear in what needs to be done. Be less implicit and more explicit in the documentation.

CONCLUSION: There are several problems with the requirements document. Supervisors are concerned about the lack of details and clarity in the documentation.

ACTION: Be more verbose and clear in the further documentation, apply the same towards fixing the requirements document.

3. Data structure and analysis discussion:

- Federico presents the data structure analysis and proposals document:
- Ivana: Make an app that just records all the sensors. See what it outputs! Define a date after which we will have the data?
- Ivana: What about gravel and stairs? Are they bumps? - yes, they are considered bumps. If it is an average of many cyclists it will be displayed
- Bump vs gravel? Define different bump types?
- Elisabetta: Use existing data about the street? Only collect data that is different from the existing data?
- Ivana: A lot of things are not defined. Also get real data! Up and coming: Design document, grasp the requirements, what will be in the alpha prototype?

CONCLUSION: We need real data and a real (rudimentary) pipeline to process it. This will be crucial for a successful alpha prototype.

ACTION: Make a pre-alpha app that collects data and sends it to the service. To supplement this, make a simple endpoint which stores the data.