



**Amsterdam University
of Applied Sciences**

ROVER RESCUE SYSTEM

Project File

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1 Collaboration

1.1 Missionstatement

This project we want to build a robot that is able to detect people in the rubble of buildings. It needs to be deployable in disaster regions. We will receive a robot from our instance to use for our project, we will need to be able to control the robot from our mobile device.

1.2 Objective

At the end of this project we want to produce a working robot and we would like to see the thing we can accomplish as a team of only TI students. We want to learn different things with this project, things like; controlling a robot with code, understanding how the hardware of a robot works, making an app, knowing how to connect a robot to a phone with Bluetooth and we hope to learn more about scrum. Our goal is also to accomplish all our learning goals.

1.3 Agreements and expectations

- Every member of the team is present at meetings of the group
- If a member can't be present at a meeting of the group, he has reported this to the other members of the group by WhatsApp or email.
- Every member is accessible through WhatsApp or email
- WhatsApp is used for general communication (not for personal communication)
- Git is used for storage and management of versions
- ZenHub is used for management of board to implement Scrum
- If something isn't clear to you, you tell this to the other members of the team, so that the other members can help you.
- You are responsible for your own work and for having your stuff with you.
- Decisions are made with all the members of the team, not individual.
- Everyone does everything they can to produce a good-looking end product...

1.4 Agreements for team blog

On the blog you can find weekly updates of our product, which problems we have faced in the past week and how we managed to solve them. If something interesting happens, we will put it on the blog too. Each team member is responsible for the blog. A team member should update/create the blog post of the week with the work that he or she has done.

2 Time

Reflecting the time each team member has worked per sprint. Time is based on task in the ZenHub board. Team members are responsible for updating their own task if the number of points was different than predicated during one of the planning sessions.

<i>Sprint Number</i>	<i>Christiaan</i>	<i>Raphaël</i>	<i>Nino</i>	<i>Martijn</i>
Sprint 1	26 points	25 points	22 points	69 points
Sprint 2	33 points	36 points	50 points	179 points
Sprint 3	20 points	21 points	42 points	102 points
Sprint 4	TBD	TBD	TBD	TBD