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► Motivation

Rescue robots

- Serious accidents
- Natural disasters



[<https://i.ytimg.com/vi/-3GzQ9kryx4/maxresdefault.jpg>]

- Recovery of persons or objects involves high risks
- Idea
 - Development of a rescue robot that assists in the recovery and exploration of dangerous areas

► Rescue Robot Challenges

► Environment also consists of water

► https://www.youtube.com/watch?v=lgDzOYQov_8

► Hence, rescue robot must be able to drive in water, too

► Build teams

- 4 to 6 persons
- github



wahrmann



rother

- include all persons of team + Gido & Kristian & Stefan

- If you like: skype, slack, trello, ...
- Deadline: April 9

► Awarding best ideas

- No impact on evaluation!

Task 1

- Develop a first requirements specification based on the Systems Engineering lecture
 - Deadline: April 15, eob, input for lab on April 16
 - Apply the steps from the lecture
 - Requirement Elicitation
 - Requirement Analysis
 - Requirement Specification
 - Requirement Validation
- Outcome are a SysML requirements diagram and appropriate UML Diagrams if required for the specific steps
- Divide the overall task into separate parts for each team-member in the following way

			Name1		Name2		Name...
#	Task	Short summary	Todo (incl. Deadline)	Done (incl. Finishing date)	Todo	Done	...
	1 Task1						
	2 Task2						
...	Task...						