Peer review Ivo Meijers: Robot Exploration in Unknown Environment

**Introduction**

Good brief introduction introducing the relevance of the subject and important systems. The definitions after the Roman numbers are still vague and need more explanation.

**Stakeholder analysis**

Maybe you can add the supervisors since they have high power and high interest in the project. You can be more specific talking about ‘people that make use of robot exploration’. Think about jobs that contain space exploration, bomb diffusion and deep-sea ship wreck investigations for example.

**System description**

The overview in the figure is really nice and simplified. You should dive deeper into PID controllers since that is a key part of your system. Very good demarcation of the problem.

**Problem statement**

There is still no elaboration on the other challenges. What are they and what is their relation to the fourth challenge?

**Goal statement**

Well defined SMART goal. No comments on this. The only thing you maybe have to think about is if this goal considers all of your three objectives. How is it going to be implemented?

**Main research question**

Since there are three goals you have to consider having more than one main question.

**Research sub-questions**

Question I.a and I.b overlap a lot. Question I.b seems to ask the same question. For the rest these are good questions in my opinion.

**Research strategy**

Clear and concise.

**Resources**

Define what programming language you will be using (MATLAB?). Will you only be using the extensive literature provided by the supervisor?

**Deliverable**

No comments.

**Risk analysis and feasibility**

Also no comments on this. These problems seem fair. Will there be enough literature available to develop your code?

**Planning**

Well done. You could even make this more organized by making a Gant-chart but it is would be totally understandable if you would not build one.



