CONSTRAINTS DOCUMENT

Project: DPM Final Project

Task: Determine the constraints related to the project.

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Note: Some of the information is also in the Requirements document. Appropriate references are in place if needed. This week’s changes are in magenta. Previous changes have been changed to black so that this version’s changes are more apparent.

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1. ENVIRONMENTAL ISSUES

(*Some of these might already have been described in the Requirements document. In which case you need to put a pointer in to those sections here. There might be environmental constraints which are considered “obvious” or that you are meant to already be aware of and, in this case, the client would not expect to have to mention them – they are common knowledge. However, they should be listed here – even if they are obvious. EVERYTHING to do with the problem solution should be listed – do not leave some things unsaid because, of course, everyone knows them… At the very least, add a pointer to the relevant documents.*.)

-Refer to the requirements document.

1. HARDWARE CONSTRAINTS

(*Are there limitations in terms of the hardware you can use? E.g. what if you need something which isn’t part of the Lego kit? Can you do this?)*

-A 3d printed piece may be created upon request, if it meets requirements.

- It seems (verify) that elastics, spoons, string, and other simple tools can be used for mechanical or other means.

1. SOFTWARE CONSTRAINTS

(*What does the code allow you to do? What can’t you do? Can you change tools?....*.)

* Need to work with Lejos NXT

5.0 AVAILABILITY OF RESOURCES

(*This has been listed in terms of a timetable in the Capabilities document but what will this mean to the management f the project? When can meetings be held? Is there an issue on a potential critical path task?)*

6.0 BUDGET

(*Probably the major constraint. Determine the budget and how it might be spent. What is the delivery date?)*

-9 hours per week per team member.

-Final competition is on April 8th.

7.0 GLOSSARY OF TERMS

(*Again, define all the terms you are using so that all members of the Team and any outside readers understand what you are talking about*…)

None for the moment.