VERSION HISTORY

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| **Title** | Requirements Document | | | |
| **Description** | Week 1 iteration of this document | | | |
| **Created By** | Luka Jurisic, Documentation Manager | | | |
| **Date Created** | 19th February 2018 | | | |
| **Maintained By** | Luka Jurisic | | | |
| **Version Number** | **Modified By** | **Modifications Made** | **Date Modified** | **Status** |
| 1.00 | Luka Jurisic | Created the document. Set out the overall structure that the document should follow | 19th February | Initial work done |

# Requirements

**1.0 CAPABILITIES**  
  
 **1.1 PURPOSE**

**1.2 SCOPE**

**1.3 CONSTRAINTS**

**1.5 OPERATING ENVIRONMENT**

**1.6 PERFORMANCE**

**2.0 LIST OF UNKNOWNS**  
 **2.1 UNKNOWNS AND QUESTIONS**



**3.0 COMPATIBILITY**  
  
 **3.1 COMPONENT REUSE**

The components used during the 5 labs are integral for this design project and so reuse is essential. However, any external components that might have previously been utilized must be given proof of authorization by the clients before they could be used. In terms of software, the classes developed during the research and development labs, such as odometry and navigation, can and will be reused for this project. Compatibility

**3.2 COMPATIBILITY WITH THIRD PARTY PRODUCTS**

Client specifications mandate that the robot be compatible with Eclipse IDE. The implementation of Bluetooth technology for communication is imperative.