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Team 19 Prototype Summary

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***Work Product***

**A short summary describing the functions of our prototype.**

***Document Revision Information***

**Feb 10, 2013 - created**

**Approval Sheet**

**All group members whose names are listed below approve of the document and contributed fairly.**

**Morgan, Laura**

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**Pledge**

**On my honor, as a student, I have neither given nor received unauthorized aid on this assignment.**

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# Prototype Summary

Our evolutionary prototype is based upon our previously created prototypes that test basic functionality. The prototype is designed to allow for further functionality to be added. It supports the basic functionality of movement and communication with a base station computer.

Specifically the prototype supports moving the robot in various directions. The robot is able to move forward, backwards, and turn. Currently, the robot moves based upon commands entered by the user, which can easily be translated for use with a GUI.

Additionally the prototype has basic functionality for touch sensors. The touch sensor currently prevents movement upon triggering.