

# End-to-End Prototype

*Groups 19 and 20*

# Overview of Prototype

- Goal is to facilitate basic movement for the robot (forward, backward and turning)
- Will use W-A-S-D keys to ensure movement
- Control station generated appropriate GUI and add required functionality for movement
- Debugger side generated software for monitoring and correcting software errors with the on-board robot system

# Milestones

- Team accepts design document
- Team accepts goals for end-to-end prototype
- Team accepts milestones for end-to-end prototype
- Team accepts schedule for end-to-end prototype
- Team submits evolutionary prototype code  
(implementation for GUI, moveStraight, turn, stop, creating connection, encoding and decoding messages)
- Complete initial tests with partner team
- Team signs inspection for final evolutionary prototype code
- Complete final tests with partner team
- Team accepts final prototype code

# Communication and Testing

- Had joint group meeting over the weekend to attempt to integrate both sides of the system together

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