

Self-evaluation report

Pavel Abrosimov

s0946889

For during this milestone I was working on the code for Arduino board. I have implemented a Bluetooth communicator module for the main application, created a separate tool for setting a motor values and restructured the code of the main application to accommodate the communicator for NXT block and Arduino. Also I am responsible for protocol documents were created for Vision and Bluetooth communication.

- Bluetooth modules work reliably and are stable. Suited for unidirectional communication
- The absence of key documentation shown problems when components were operating together. Now the key data exchanges points are documented.
- If we decide to switch the controller – a single change requires for the main application – this reduces the risk of dependency on Arduino

The following has to be improved for better results:

- Navigation module in general
- Stability issue: the program is still segfaults from time to time
- Need to finish robot construction and start calibrating the code for it.

George Koshov contributed is effort for the creating of the Arduino controller. I believe he deserves 5.

I was contributing well for the achievement of this milestone and believe so did everyone else. On this basis I believe I gain 3-4 points.