
Project Details

Name: Speedway RFID Swimming Prototype
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Work Carried Out

Continued work on the standalone Java application with further integration with the Impinj Octane SDK along with additional code design to decouple some of the specific Impinj Reader code from the bespoke code of this project.

It wouldn't take too much work to alter the codebase to work with various types of readers in the future for example.

The application is reading data now, capturing it and passing it to the algorithm for filtering and processing.

Some final work is needed in the algorithm part of the application and to transmit it to the cloud. This links directly into the next part of the project, building the cloud application.

I took the decision to give a little extra to the design of this part of the system (*it is not at production level*) as this part is where most of the value will lie in the short term.

The design (*and implementation*) I refer to is just a little extra thought put into the structure of the code to allow for greater configuration later on and also in the event of there being issues to being able to refactor parts of the code with ease.

Also in the event of wanting to extend this to more production level quality then the ground work has been put in place.

Reducing the time spent and complexity of the cloud application (*if it comes to it*) will have a far lesser impact for what is currently trying to be achieved than would reducing the quality of the standalone application.

I will load the code of the standalone Java application to a private online code repository early next week so it can be viewed.

Known Blockers

Currently none

Next Steps

Finalise last steps of standalone application to transmit to the cloud.
Start working on the cloud application then.