Meeting Notes

13th October 2020

What we did

- Created a meeting solution and discussed team synergy.
- Setup Jira for project management.
- Functional/Non-Functional system requirements.
- Added links to mattermost for other teams.
- Created meeting notes for other teams and team members.
- Questions created for Thursday.
- Created message diagram.
- Showed how numberplate recognition worked through GUI.
- Discussed JMS implementation requirements.
- Discussed testing of the solution.

To Do

- Special K - Continue JMS exploration and knowledge gathering.
- Matt - Will look at running the Java project on Ubuntu and how to interact through the command line with it.

Attending

Matt, Emma, Special K

15th October 2020

What we did

- Successfully ran javaanpr.jar from the command line.
- Reviewed JMS research and example code. https://github.com/KieronGillingham/SimpleJMSClient
- Discussed possible uses and implementations of researched technologies for the project

To Do

- Nothing

Attending

Matt, Emma, Special K

19th October 2020

What we did

- Kieron has tested using ANPR library as a dependency for another JAR project.
- Bill of Materials
- Talked about the fact that we are two weeks in and no one seems to know what they are doing.

To Do

- Threads and then docker/compose
- How to shut the threads down
- Concurrent classes to avoid concurrent access exceptions
- Define JSON messages that we will be sending
- Serialisation / Deserialisation of the image
- Maven ActiveMQ plugin-in should be used for testing
- JMX allows you to check how many things are in the queue
- Monitor the process

Things to do for presentation one:

- Deployment requirements
- Class Diagram
- Use case diagrams
- Explanation of our role in the project
- Add explanation to our project plan

Attending

Matt, Emma, Special K

29th October 2020

What we did

- Had a discussion about what to do next

To Do

- Add all requirements as issues
- Come up with a map between sprints and version numbers
- Make branch for our work
- Setup test environment on your own machine

Attending

Matt, Emma, Special K

3rd November 2020

What we did

- Set up sprint cards in project for an overall card of what needs to be done. To help with keeping a clear project plan
- Updated all diagrams to meet P1 new requirement to send us all the data over a JMS message instead of just ImageID
- Created a test plan so we know exactly all of the parts of the program we are testing
- Talked about setting up a contract to agree on standards with other teams
- Kieron went through a diagram he has created of the entire system
- Further integration tests for Java ANPR library using data streams

To Do

- Setup test environment on your own machine
- Finish system diagram
- Awaiting response to agreements with P1 and P3

Attending

Matt, Emma, Special K

10th November 2020

What we did

- Emma set up the class for the serialisation and deserialisation of the JSON object
- Matt and Kieron working with P4 to get the automated deployment working when pushing code to github (now working)
- Matt updated contracts and resent out to team
- Kieron has been looking at Craigs code to see how we can adapt it to use for our project

Next steps

- Finding out a way to serialise and deserialise the photo
- Awaiting response to agreements

12th November 2020

What we did

- Kieron and Emma looking at a way to deal with the image
- Matt showed gitflow and automated deployment to group 4
- Kieron and Emma managed to get working examples of turning a bufferedimage into a string and then back again.

Next steps

- Adding to the CarInfoClass to add the ability to serialise and deserialise the json object

13th November 2020

What we did

- Worked together to get the implemetation of serialisation and deserialisation to the CarInfo Class.
- Added working tests to test the new methods created
- Renamed the CarInfo class and uploaded to github

17th November 2020

What we did

- Matt showed the work he had being doing with team 2 in terms of pushing code to github.
- Kieron went through the jms messaging client he has been working on
- Worked on adding the ability to recieve a message and send it straight out within Kierons programme
- Changed our code within the jsonMessage class to meet the agreement of using iso-8601 java date.
- Created tests within the application to test sending and recieving of messages.

03rd December 2020

What we did

- Craig spoke about the assessments in the lectures.
- We looked at the display server X11 issue that Kieron was having on his local machine.
- We looked at why the platerecognition module was not building with the parent project.
- We submitted our second pull request.
- We also looked at the build issues this was not fixed we have emailed this to Craig and hope to hear from him soon.