# Dev Ops Project Individual Conclusion – Hugh J. Boyle L00130487

## 4th year project Dawg2

We made numerous errors on this project.

* We jumped headlong into the different technologies required for the project without a proper planning meeting with the Product Owner who would have been able to limit the scope of our research and workload.
* We did not synchronize the different individual tasks. This meant that while some people had finished their tasks early in the week, others left theirs until the weekend. This is not meant as a criticism of individuals as each member of the team has to manage the workload for five modules over this semester as they see fit. The result of this lack of synchronization was that a sprint, which should have taken two days to complete, instead took a full week. I imagine this would be less of a problem in the real world as teams would spend the majority of their time on a single project.
* We did not have enough redundancy for team members carrying out their individual tasks with the result that if a team member fell ill, the task was not completed on time.
* Unfamiliarity with tools such as Jira and GitHub meant that these were only fully utilized towards the end of the semester.
* Both the Manifesto and Principles of Agile development emphasize the importance of skilled and experienced individuals in the agile team. Having a team composed of five people who were completely new to Agile development is not a recipe for success.

There were some positives.

* There was good communication in the bi-weekly meeting that were held outside class. They were well attended and everybody shared information and ideas in a positive environment.
* All team members were eager and willing to do their share of the workload.

My role in the project was mostly as the back-end Java developer. I wrote a method to connect to the MongoDB database developed by Connor and Eoin. I then wrote a method to set the quote amount, based on variables chosen by the user, and another method to return the quote amount, to be displayed to the user, on the webpage. I set up an example of a Junit test in the Eclipse IDE and also enabled JaCoCo for code coverage of the test. I wrote the Class Diagram for the project pushed all these to GitHub.