DevOps: Polo Insurance Liam Whorriskey: L00113360

The team was tasked with creating an Insurance Quote system based on Health, that will finalise a quote on detailed personal information inclusive of:

* Age
* Traveling to Europe / United States or Other
* Smoker

The system will output a conditional price based on the answers to the options outlined above. The team worked in an Agile environment and used JIRA alongside GitHub to track changes and log tasks. Andrea and Eimear developed the database. The Quote System was created by Cathal and Conor. Maria and I worked on the front-end development of the site and hosting platform.

**JIRA** was used to log tasks and keep the team up to date with actions completed within the ongoing sprint. JIRA is perfect for any project as everyone always knows where development is at any given time and notes can be added to an ongoing issue.

**GitHub** wasused by the team for the holding of versions and storing of files throughout the project. A branch was created for the files we worked on individually. This, however, was a feature within the project that we as a team did not do correctly, we should have been using the branch push/pull to update the master for version control. I have since completed a course on how to use Git locally with GitHub to push and pull files. I used this to pull and push a few files to my branch of the project. This will be a great tool for any future project I am involved in.

The **website** was created using HTML5 with the aid of Bootstrap 3 to ensure the user experience was smooth, in that the site would run on a Smart Phone, Tablet or Desktop without disrupting the user experience or the ability to get a quote, quickly and easily. This included a **restriction,** in that if Northern Ireland was selected, the user would be informed that the service is not available outside the Republic of Ireland.

The user would be required to create an account before receiving a quote and the quote would then be saved in the user’s profile for future access. The user could also update personal information. This accounted for the **security** requirement of the project. Alongside which, an **admin** area was created and all quotes could be viewed or deleted.

Maria and I spent some time planning the layout of the site and how it should look and feel to the end user, this was a positive experience as it gave me an opportunity to share knowledge gained from a web module and likewise, great for me as I got to learn from her views and ability within cloud computing.

The coming together of the project seen us meet as a **team** on weekly basis, until the final week when we met daily and we completed the **final** testing as users of the product. This is when small tweaks and edits were finalized and the product went live [www.link192.com](http://www.link192.com). Everyone in the team worked well together and documentation of the project was concluded as a group. Great preparation for the real-world environment and an enjoyable experience, with the many views and opinions that were smoothed over throughout the project.

An overview video has been added to the GitHub project files.