Personal Portfolio

A list of contributions made by Richard van Wyk to the Group project for Group 55.

All artefact evidence are in separate word documents named according to the number seen in the first column.

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| Artefacts | | | | |
| Number | **Release** | **Description** | **Document** | **Benefit** |
| 1 | 1 | Initial task Break down was not thorough enough: With input from the client, created a rough release plan for the 3 planned releases.  Also templated the Sprint plan. | Artefact 1  Contains the Initial Release and Sprint plan. | Allowed the team to see an overview of the whole task, specifically the order of the features and the scope of the product.  As a result of the initial draft, discussions were held in regards to trimming down features to make the plan plausible.  The Release and Sprint plans were also sent out to the client team to inform them of the plan. |
| 2 | 1 | Designed the Node.JS System Architecture and set up the main container from which the backend runs.  Additionally, set up the first Angular2 app to ensure compatibility. | Artefact 2  angularTest folder on repository  Contains a description of the system architecture. | The structure and initial setup was crucial to the development of the project: it was the foundation on which everything else would be built on, so it had to allow for a lot of development to take place.  The structure designed was effective in terms of what was required of it. |
| 3 | 1 | JIRA Sprint management.  Added most of the user stories we agreed on with the client team onto JIRA. This includes Descriptions of the Acceptance Criteria. | Artefact 3  Contains all user stories reported by me. | By adding the stories to JIRA, it allowed for effective Sprint planning and task allocation within the team.  All of this allowed us to adhere to scrum principles. |
| 4 | 1 | Learnt Node and Angular programming languages, as these skills were unknown to everyone in the group | Artefact 4  Contains a list of tutorials that were followed to learn the language | After learning it I was able to help other members also understand the two languages and also meant that I was able to develop for the group project. |
| 5 | 1 | Prepared powerpoint Presentation for the first sprint demonstration | Artefact 5  Initial Draft of Powerpoints made by me. | The powerpoint helped with the professionalism of our product demonstration to the client team. Additionally, this was the initial powerpoint, which created a template for future ones. |
| 6 | 2 | Created SQL Queries to access the Database.  These queries include SELECTs, UPDATEs and INSERTs | Artefact 6  Contains Various SQL queries Developed by me during Release 2. | These Queries were used to access a database. This makes the website dynamic, giving it elements of user interaction and providing the client with business value. |
| 7 | 2 | Suggested Database Table Changes to refine Database Model.  This was done as a joint effort by me and Anneke. | Artefact 7  Document containing all the Table changes suggested by me and Anneke Kotze. | The benefit of the changes suggested include making website coding and querying less complex as well as improving the database model as a whole to be more clear and maintainable. |
| 8 | 2 | Edited The draft of the business letters to improve content and wording.  Also recommended changes that the other team can make for future. | Artefact 8  Contains the main track changes made by me to the original version. | Edits provided the business letter with more content and recommendations to the other team as to how to improve.  The changes made were included in the business letter sent to the other team. |
| 9 | 2 | Styled various pages to improve UI appearance.  Styling consisted of CSS. | Artefact 9  Contains the CSS as well as screen shots of styled pages | The page styling improves the overall look and feel of the website, which provides the client team with a website that would attract customers. Styling done was also to ensure consistency between various components on the website. |
| 10 | 2 | Implemented multiple features that required angular app development as well as node.js GET and POST management to SELECT or UPDATE from the database. | Artefact 10  A list of features implemented by me in Release 1 and 2. | These features were requested by the client team, and were in the work plan for the sprint. The benefit of them is that they provide functionality to the product as well as business value to the client.  These features were part of the first release and second release, showcased in the demonstration. |