Overview
Our sponsor, DCG, was looking to add more structure into a SCRUM team, and wanted to create a website which could provide a way to track, analyse, and train employees for a specific role within a SCRUM team. It will also aims to provide training videos, and manage training assessment results into a database for easy access. Finally, this was to be a web-based solution, specifically it is a web site that can be accessed by any employee, manager, HR employee, etc.

Objectives
For our project, we developed a web portal, where employees could login to an account to view their roles, job descriptions, and other various information. We then deployed it using a LAMP stack, and an AWS machine in the cloud.

Approach
- Met with sponsor to discuss project concept, goals, SCRUM, and sprint meetings
- Researched various platforms and tools for web development (WordPress, Django, LAMP)
- Setup Test and Production build environments for project
- Designed backend database storage, and application level protocol
- Designed and Implemented backend data manipulation
- Designed and implemented top level page design
- Designed basic login and authentication system
- Designed and implemented page submenus to manage users on the website
- Tested changes on test server
- Fixed any bugs and deployed to production server
- Continued to improve implementation to provide necessary features
- Discuss project status with sponsor, and made adjustments to the website as needed

Outcomes
Finally, the final version of the project carry the following implications for the sponsor

- DCG will have a new prototype and be able to implement a successful product quickly
- As a product, any company can quickly adapt this in their own infrastructure
- The project will require very little costs to develop
- The project will bring more structure and layout to a SCRUM team, effectively implementing a new idea into the industry and changing the way software is created.