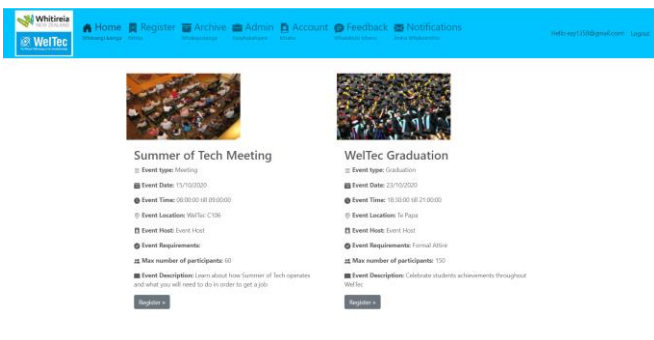


WelTec Online Event Registration System

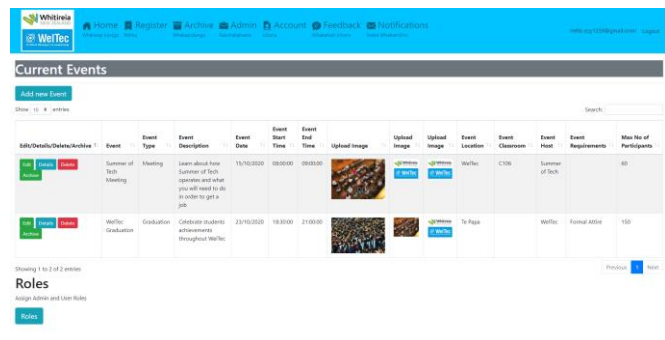
By: Jack Partridge, Ezra Turner

Advisor: Drew Duncan

Client: Michele Carroll



Home Page



Admin Page

INTRODUCTION

The Wellington Institute of Technology Online Event Registration System project is a web application that provides WelTec students with information related to upcoming WelTec run events, providing capabilities to view, register interest and provide feedback on events. WelTec admin have the capabilities to add, update and delete events, provide key information and images relating to how these events will be run and when.

This web application gives students a better way of knowing what events are coming up and gives admin an improved way of providing information about WelTec run events. This allows admin to gauge student interest before the event is held and aids preparation.

DEVELOPMENT

WelTec Online Event Registration System was developed using ASP.NET core with a bootstrap 4 framework. ASP.NET core was chosen as it allows us to create the application for multiple operating systems allowing us to have the website run on a Linux environment. Bootstrap 4 was chosen as it allowed us to develop modern responsive and mobile friendly page layouts focusing on a wider variety of access.

The team chose an Agile scrum methodology approach to development to allow for any changes the client may wish throughout development by not having a set schedule allowing us to focus on client prioritised tasks in two-week sprints throughout development.

The team started off development with an initial design which the client approved before starting

website development. Testing was done throughout with manual testing of the entire website after the proposed features had been completed with a focus on security testing. A user manual was then produced on how the admin would use the system. This project is an ongoing project allowing for future iterations we produced documents that provided 'future features' and an in depth look at how the current features have been implemented to better prepare future iterations.

The team put a lot of effort into this project and the outcome reflects that however we heavily underestimated the time for certain tasks and to address this we had to cut some low priority features due to time constraints. The middle stage of the project was the biggest challenge, and we overcome the many obstacles faced to deliver a product the client was satisfied with.

CONCLUSION

The outcome of this project has been successful providing a working system that sets the groundwork for a further iteration.

The client was provided with a web application, SQL database, VM and the many documents that allow for future development and guide on how to use the current system.

The client was overall satisfied with the product handed over having met a refined list of deliverables which included the main features set out by the client in the beginning.

There is scope for further iterations with this project.