

# Publication Pathways: A Prototyping Project

Gary Smith  
University of Canterbury  
Christchurch  
New Zealand

Trevor Nesbit  
University of Canterbury  
Christchurch  
New Zealand  
trevor.nesbit@canterbury.ac.n

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## ABSTRACT

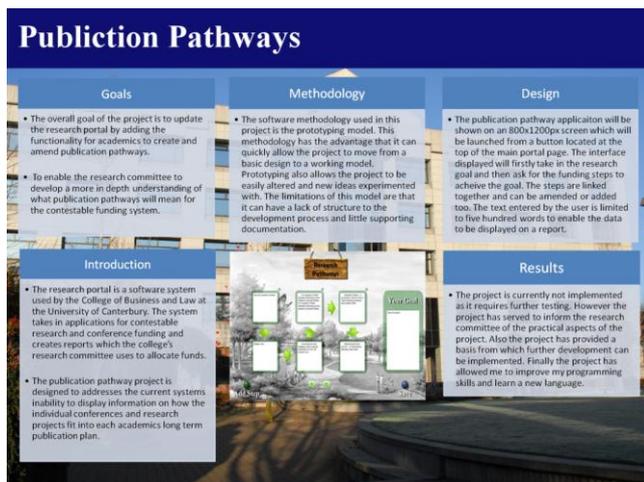
This poster presents a summary of a 3<sup>rd</sup> year Information Systems internship that was completed for the Research Committee of the College of Business and Economics at the University of Canterbury.

The aim of the project was to develop a prototype of an application that would allow the research committee to track the publication pathways of academic staff in the College of Business and Economics.

At the conclusion of the course the system had not been implemented, but the overall aim of gaining a fuller understanding of the issues involved in developing such an application had been achieved.

## Keywords

Mobile Development, Internship, Prototyping, Proof of Concept



## 1. INTRODUCTION and BACKGROUND

Students completing the Information Systems major in the Bachelor of Commerce at the University of Canterbury are able to complete a 30 point internship course (INFO330 – Applied Information Systems Project), that requires the student to complete a 200 hour work based project and complete other associated academic work. This poster presents an outline of the project, the processes that were undertaken as well as the learning outcomes for the student.

The overall goal of this project was to develop a prototype that would allow for the publication of pathways of academic staff to be monitored by the research committee of the College of Business and Economics. The application to be developed would ultimately enable better decisions to be made about the allocation of contestable funding.

The research portal is currently used to enable staff to make applications for contestable research and conference funding

## 2. THE PROJECT

A prototyping model was used in this project and was in essence similar to the idea of discovery prototyping [3].

A screen shot of the prototype that was developed is shown in figure 1.

Figure 1 – Screen Shot of Prototype

At the conclusion of the course the application had not been implemented, however the process that had been adopted identified a number of issues that would need to be resolved prior to the application being implemented. This is also consistent with the idea of discovery prototyping [3].

## 3. CONCLUSIONS

Overall the project was successful in that it helped in identifying the requirements for the application and identified new issues that would need to be addressed.

The project also provided valuable experience for the student in that it enabled the application of existing skills and knowledge to be applied to a new context and for the development of new skills and expertise. These factors are consistent with what has been identified as being successful internship or capstone courses by a number of writers [1],[2],[4].

## REFERENCES

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