**IFB299 Personal Portfolio**

**Release 2**

Artefact: Story 23 – Registration Process Model

Filename/s: Registration Process Model.pdf, Registration Process Model Description.docx

To ensure the correct coding of the registration process in the ShareBook application, I modelled the process visually by outlining the states (places) and transitions (processes) necessary to facilitate the registration of the user and create the user profile.

Artefact: Story 63 – Login Process Model

Filename/s: Login Process Model.pdf, Login Process Model Description.docx

I also modelled the process for logging into the ShareBook application by outlining the states and transitions to log the user into the website. This supported the coding of the process into the application.

Artefact: Story 54 – Client/Server Side Validation Testing

Filename/s: Client Validation Test Scripts.docx, Defect Log (Story 54).xlsx

I undertook Functional/User Acceptance Testing for the Data Validation processes supporting the Registration, Login and Textbook Sharing functions of ShareBook. In addition to writing and documenting thorough test scripts I also carried out manual testing and logging of defects for resolution. I then followed up defects with the appropriate developer to ensure they were corrected.

Artefact: Story 10 – Sort by Name Testing

Filename/s: Sort by Name Test Scripts.docx

I undertook Functional/User Acceptance Testing for the Sort by Name function within the ShareBook application. This involved checking that the Sort algorithms functioned correctly when the user attempted to sort a list of books from various locations within the site e.g. shared books, books available for borrowing, searched books. I wrote and documented the test scripts and manually carried out the necessary steps to ensure the robustness of this functionality.

Artefact: Story 11 – Sort by Author Testing

Filename/s: Sort by Author Test Scripts.docx

I undertook Functional/User Acceptance Testing for the Sort by Author function within the ShareBook application. This involved checking that the Sort algorithms functioned correctly when the user attempted to sort a list of books by author’s surname from various locations within the site e.g. shared books, books available for borrowing, searched books. I wrote and documented the test scripts and manually carried out the necessary steps to ensure the robustness of this functionality.

Artefact: Story 12 – Sort by ISBN Testing

Filename/s: Sort by ISBN Test Scripts.docx

I undertook Functional/User Acceptance Testing for the Sort by ISBN function within the ShareBook application. This involved checking that the Sort algorithms functioned correctly when the user attempted to sort a list of books by ISBN number from various locations within the site e.g. shared books, books available for borrowing, searched books. I wrote and documented the test scripts and manually carried out the necessary steps to ensure the robustness of this functionality.

Artefact: Story 13 – Sort by Faculty Testing

Filename/s: Sort by Faculty Test Scripts.docx

I undertook Functional/User Acceptance Testing for the Sort by Faculty function within the ShareBook application. This involved checking that the Sort algorithms functioned correctly when the user attempted to sort a list of books by Faculty (i.e. the Faculty the book is most relevant to, not the Faculty that owns the book) from various locations within the site e.g. shared books, books available for borrowing, searched books. I wrote and documented the test scripts and manually carried out the necessary steps to ensure the robustness of this functionality.