

CSC3731

Individual Report

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Functional Requirements & Hierarchical Task Analysis

Functional Requirements

No.	Short Name	Description	Priority
FR1	Search/ find books	Students should be able to search by title, author or keyword. There was strong sentiment towards having these three options for search terms in the fieldwork answers. It also provides the users with their own preferred search method, presenting them with a choice. Allowing users to choose how they complete a task can lead to improved task performance. Flexibility and adaptability are important principles in user interface design because they allow users to choose the most effective and efficient way to complete a task. [1]	High

FR2	Offer a book	Students should be able to offer a book to other students. Another general requirement of the brief.	High
FR3	Coordinate book exchange	Students should be able to confirm the exchange of a book with another student. Finalising the book exchange is the last of the general requirements outlined in the brief.	High
FR4	Leave feedback	Students should be able to leave feedback for other students after a completed exchange. This was lightly requested at times in the fieldwork surveys.	Low
FR5	Provide book details	Students should have the option to provide additional information about the books they are listing. This includes a description of the condition of the book and images of it. The fieldwork provided good insight that people would	Med

		like a system to establish trust and reliability.	
FR6	Display the books in a minimalist catalogue	The most popular fieldwork responses regarding how to display the information involved some form of visual catalogue display of books. Simplicity and clarity in interaction design are pivotal. The most effective interactions are those that are simple and straightforward, so that users can understand what is happening and what they are expected to do without being overwhelmed. [2]	Med