Part b) 5 best Ideas

1. Tree like bookstore interface

Users start searching for a textbook (or normal book) they like by dragging and dropping a root node from a panel located in the left side. They can then expand the node by double clicking it to find out what else is available under the category shown on the root node. Every node and the canvas can also be moved around. The required book can be found at the leaf node.

We like this idea because firstly, it is very intuitive to navigate and move the node around with the drag and drop system. As such, it is easy to organize the search results in a more organic format (a tree with branches). Secondly, the node and branches system make the exploring process more natural in case the user doesn’t want to find a specific book but instead tries to find out what book they like. Thirdly, by putting the search query in the form of expandable nodes, we give the user more control over how they want to construct their query.

1. Linux bookstore

Users can go through the search bar and several buttons to find the book they want. Or they can type commands in the terminal.

The team likes this idea because it resonates with us as computer science students. For intermediate and advanced users, they can be more efficient at searching and buying books using the terminal as it gives them more functionality than the interface layout. Moreover, users feel satisfied and motivated when they type command in the terminal and result pops up as they desire (basically, feel like a hacker). Lastly, since everything can be done through the terminal, our interface doesn’t require a mouse.

1. Search book using quote.

The advanced search feature for a bookstore is unique in the sense that it allows users to search for books using paragraphs/quotes. This feature allows users to locate books based on the content itself, which wouldn’t be possible using a simple search. Overall, advanced search allows users to locate books that they might been searching for a long time which enhances the user experience and discoverability of books for bookstores.

1. Bookshelf

The bookshelf design is clear and straightforward, emphasizing practicality. The "Add New Book" feature and the "Edit" function provide users with the flexibility to both introduce new titles and modify existing ones on the shelf, allowing it to adapt as the collection grows. The labels at the top, "Recently reading", "Comp Science", "Econ", and "Local Books", efficiently guide readers to their desired reads, further enhancing the user experience.

1. Book Social Group

The idea of a textbook store featuring social media components is unique in that it makes it easy to stay in touch with friends and create study groups. Calling and chatting features are also available to make communication more streamlined. Joining clubs devoted to a particular class or topic also expedites the process of finding and sharing textbooks. The addition of social aspects makes textbook shopping more interactive and group-oriented, improving the academic experience.

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