Selection of Design Concepts

Design Decision	Rationale
User Signup/Login System	Supports and integrates core features from the database and webstore
Browsing System	Allows for perusing and searching of products and elements on the website
Checkout/payment	Facilitates transaction between customer and webstore, allowing the purchase of books and other items

table 1

Logical view

Element	Responsibility	Properties
Reusable components	Allowing to reuse bookstore UI components to organize codebase and improve efficiency	Development = ReactJS
High performance	Allows tasks to be done more efficiently and quickly without downgrading the performance of the computer or software	
Partitioning	Facilitates division of a database's elements, allowing for easier and more organized maintenance and development. Also having a proportional effect on performance.	

table 2