# Module 7 Lab 1: Develop Secure Middleware & Backend Database for a Book Exchange Application

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# IFT 458: Middleware Programming

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*Screenshot 1: Of the terminal showing successful installation of dependencies.A screenshot of a computer

AI-generated content may be incorrect.*

*Screenshot 2: Of the project directory structure showcasing MVC organization.  
A screenshot of a computer

AI-generated content may be incorrect.*

*Note: This structure follows the MVC pattern. Certs created a few lessons ago are stored in the certs directory.*

*Screenshot 3: Of the BookModel.js file with a brief explanation.*

*Screenshot 4: Of the bookController.js with the implemented logic.*

*Screenshot 5: Of the bookRoutes.js file with defined routes.*

*Screenshot 6: Of updated view files (\*.ejs) and changes made.*

*Screenshot 7: Of the home page as displayed in the browser.*

*Screenshot 8: Of all personalized user interface pages.*

*Screenshot 9: Of the testing process and responses for different API endpoints.*

*Screenshot 10: Of API specification documentation and screenshots of the corresponding code for each endpoint.*