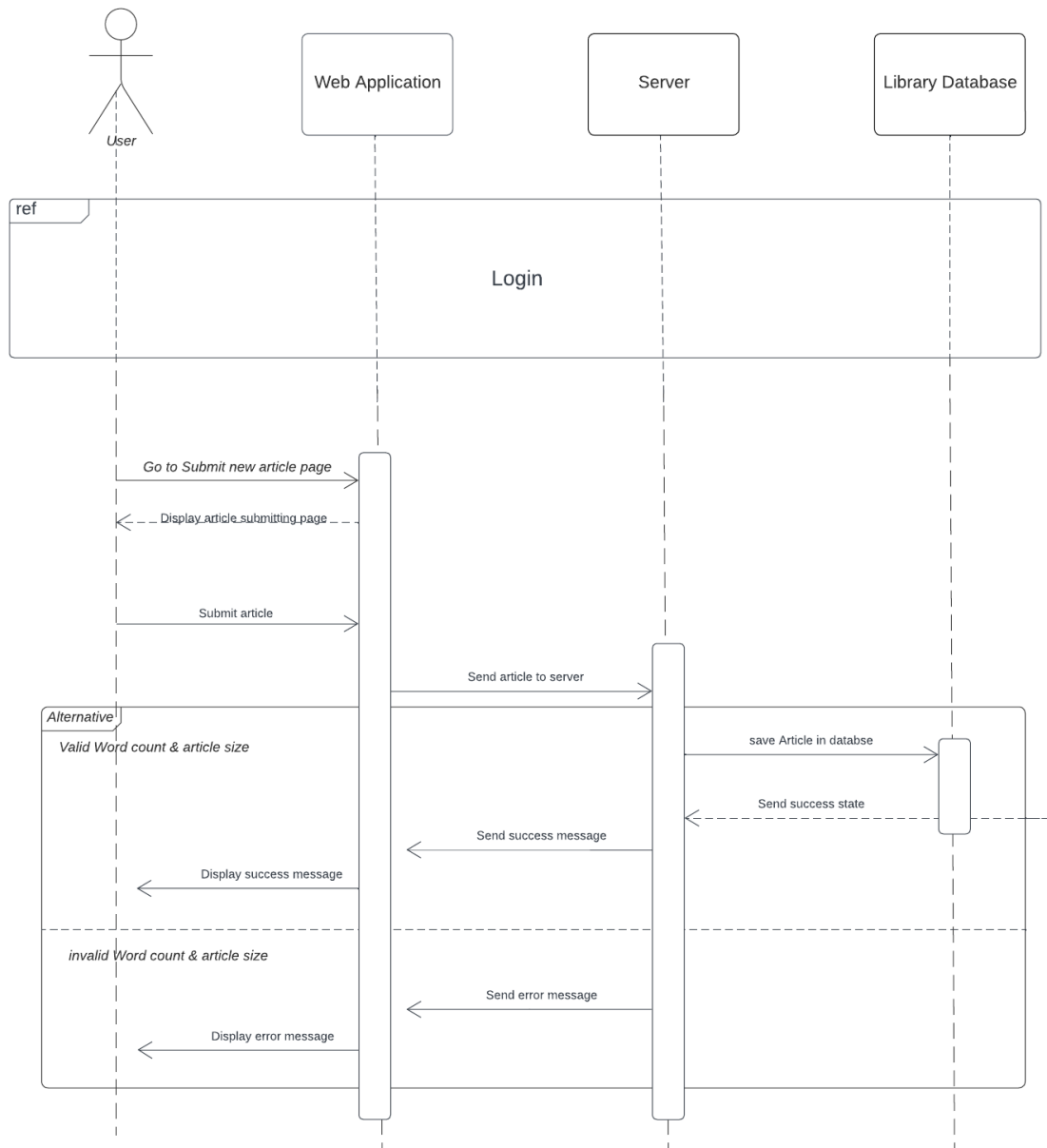


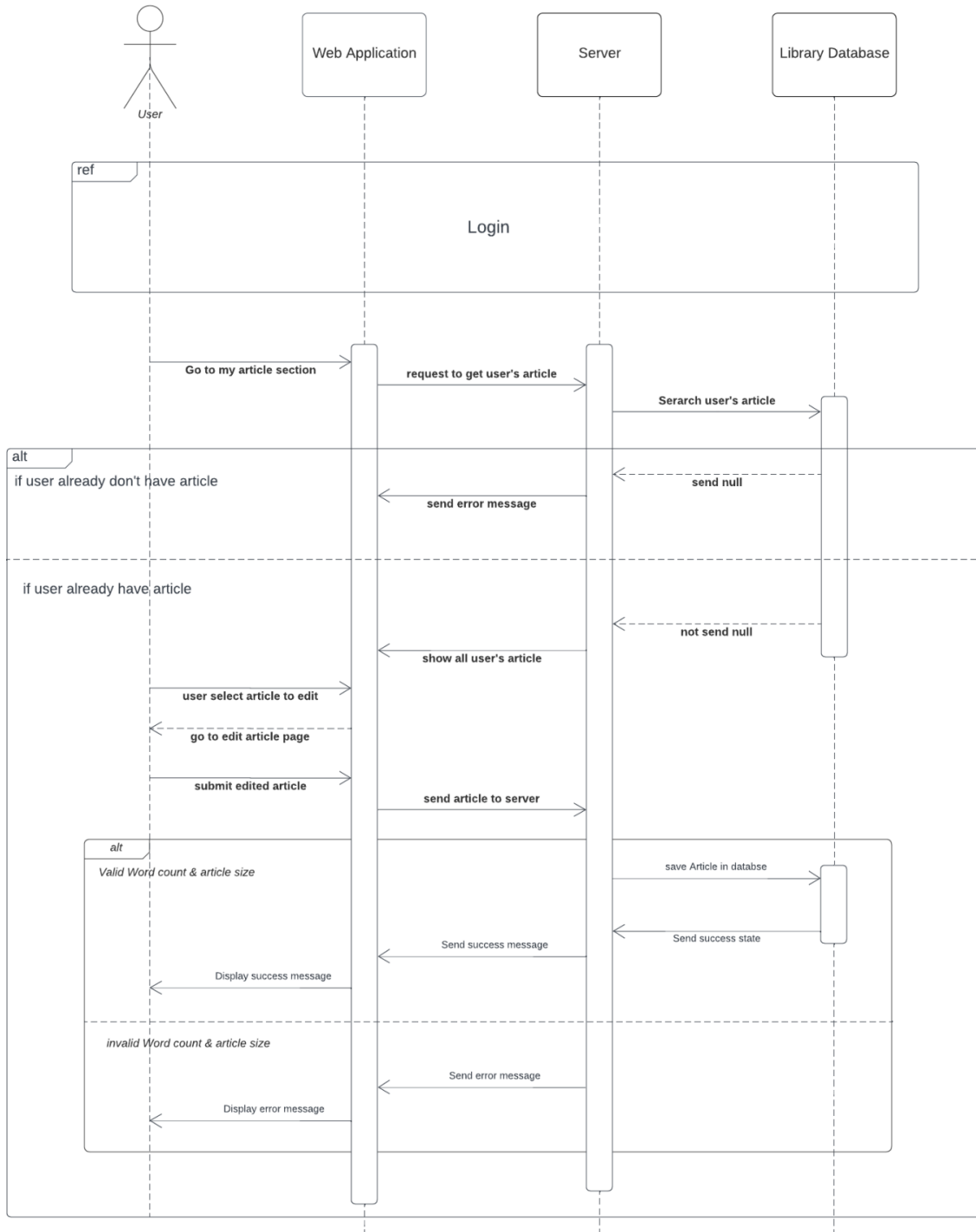
Submit new Articles

[Submit new Articles](#)

When a user initiates the process of publishing an article, the sequence diagram unfolds with a series of interactions. The user, who must be logged in with publishing permissions, begins by preparing the article content and validating it. Once ready, the user submits the article. The system receives this request and proceeds to save the article in the library's database. As a result, the article becomes viewable to all users, and the system opens it up for user reviews and ratings. This sequence illustrates the step-by-step flow of actions and interactions between the user and the system when publishing an article, contributing to an interactive learning environment.

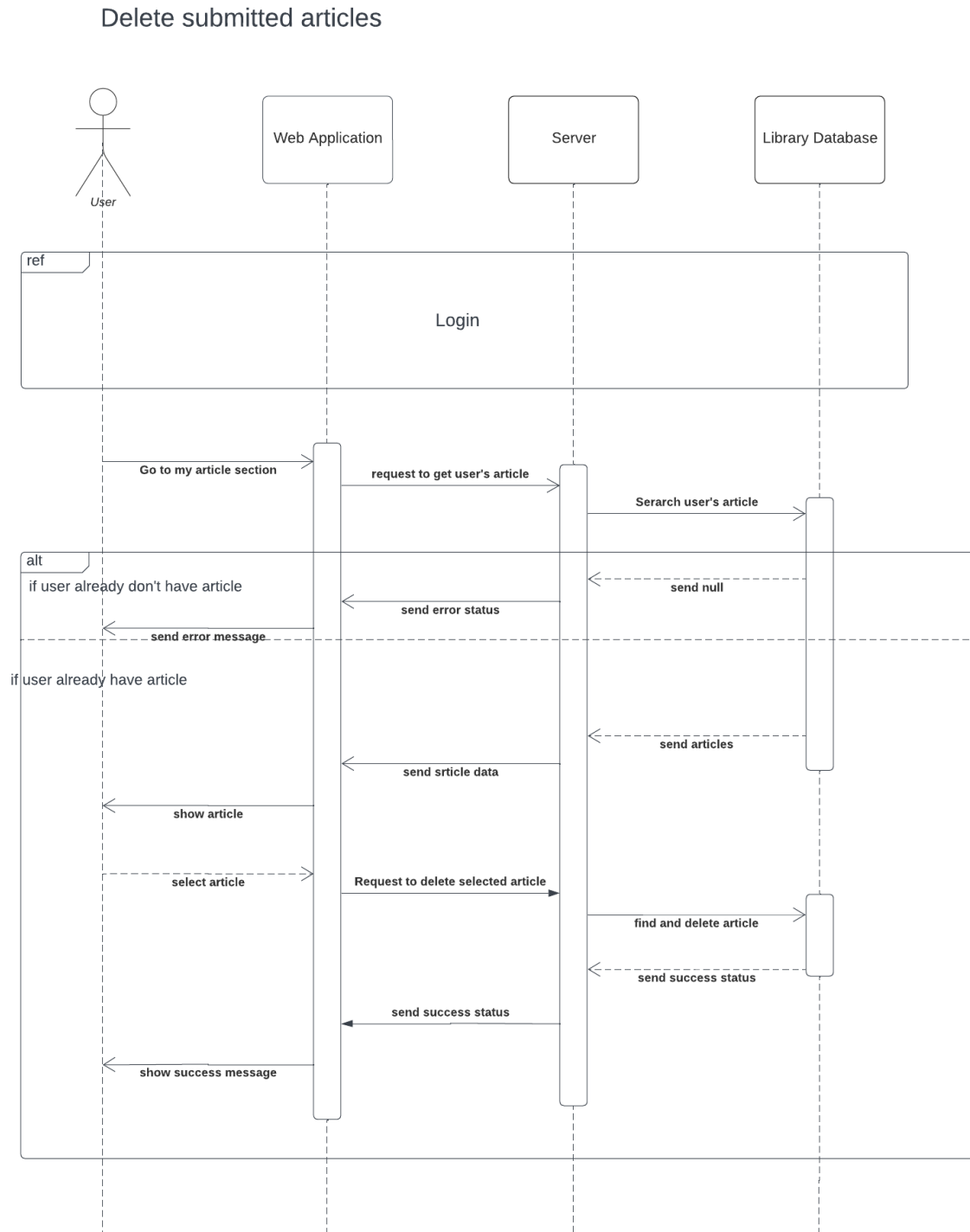
Edit submitted Articles

Edit submitted articles



Editing articles involves a sequence of interactions that ensure a user can make changes to existing content. First, the user logs in and, provided they have editing rights, selects the article to be edited. The user then modifies the article content. Upon confirming the changes, the system receives the updated article and makes the necessary updates in the library's database. This sequence diagram showcases the collaboration between the user and the system, highlighting the steps involved in editing articles and maintaining the library's content accuracy.

Delete submitted Articles

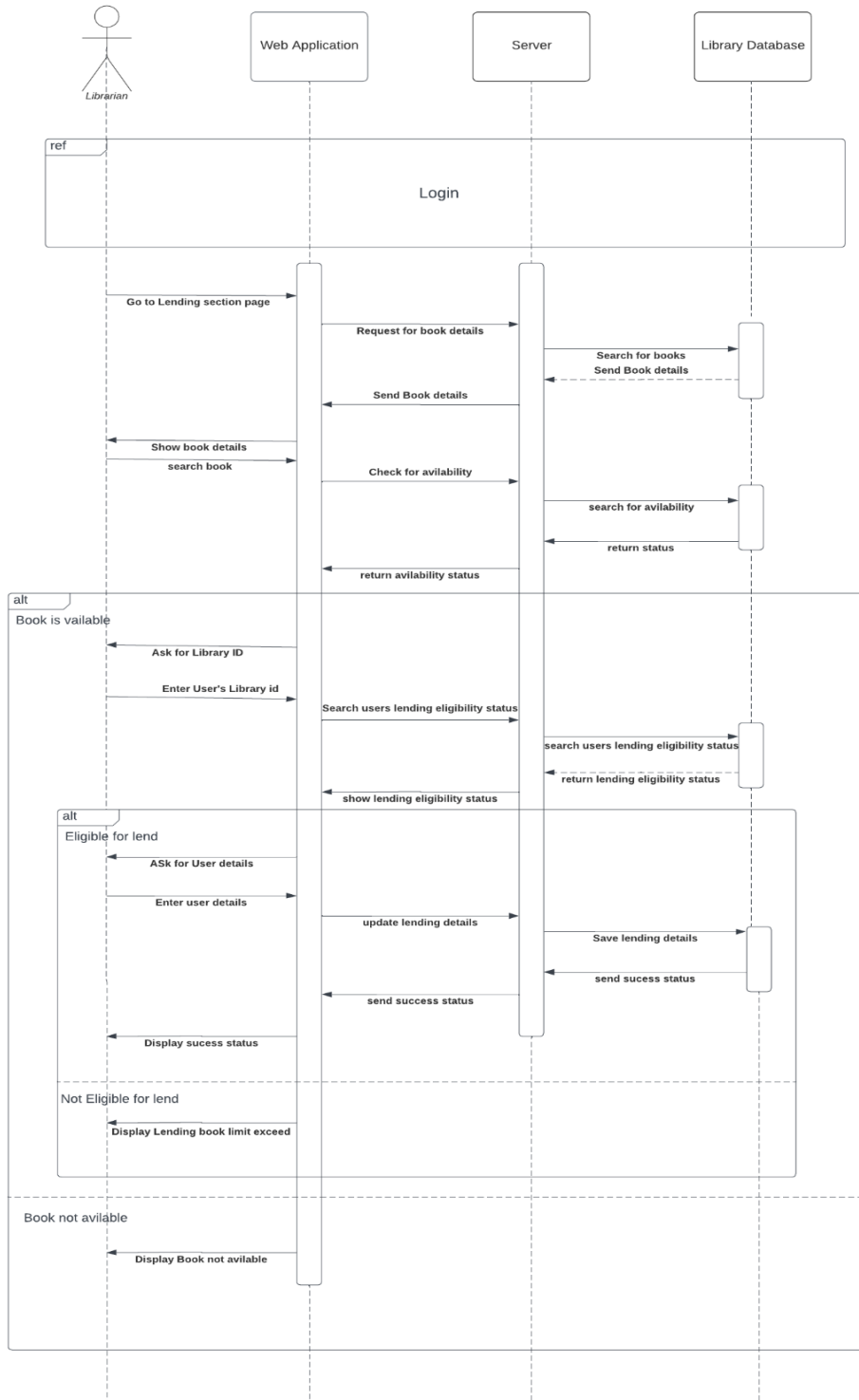


Deleting articles is a carefully orchestrated process. When a user wishes to delete an article, they first log in and have their deletion rights authenticated. The user selects the article for

deletion and confirms this action. Once the confirmation is received, the system proceeds to remove the article from the library. Any associated data, such as user reviews, may be archived or deleted, ensuring a thorough cleanup. This sequence diagram demonstrates the orderly progression of steps that take place when users exercise their control over the content they've contributed, maintaining the library's integrity.

Librarian lending books

Lending Books



In the role of the librarian, issuing books is a crucial responsibility, and the sequence diagram illustrates the interactions involved. It begins with the librarian logging in, and their credentials are authenticated to ensure they have the necessary privileges. The librarian then checks the availability of the book in the library's inventory. Once the book's availability is confirmed, the librarian proceeds to authenticate the borrower, ensuring they have a valid library account. Upon issuance, the librarian sets a due date for the book's return and updates the borrower's borrowing history. Optionally, the librarian may generate a receipt. This sequence diagram showcases the librarian's systematic workflow, ensuring the efficient management and tracking of book loans to teachers and students, thus maintaining the library's essential resources.