



Result Analysis

- **Successful Feature Integration:** Core modules like the Login/Signup system, Book Search, and Real-time Notifications are fully functional.
- **Faster Operations:** Users can find and reserve books much faster than with manual paper records.
- **Reliable Data Handling:** The system successfully reads and writes to the data.json file on Render without errors.
- **Responsive UI:** The React interface on Netlify loads quickly and updates instantly when data changes on the server.
- **System Stability:** The connection between Netlify (frontend) and Render (backend) is stable, ensuring a smooth experience for the library users.

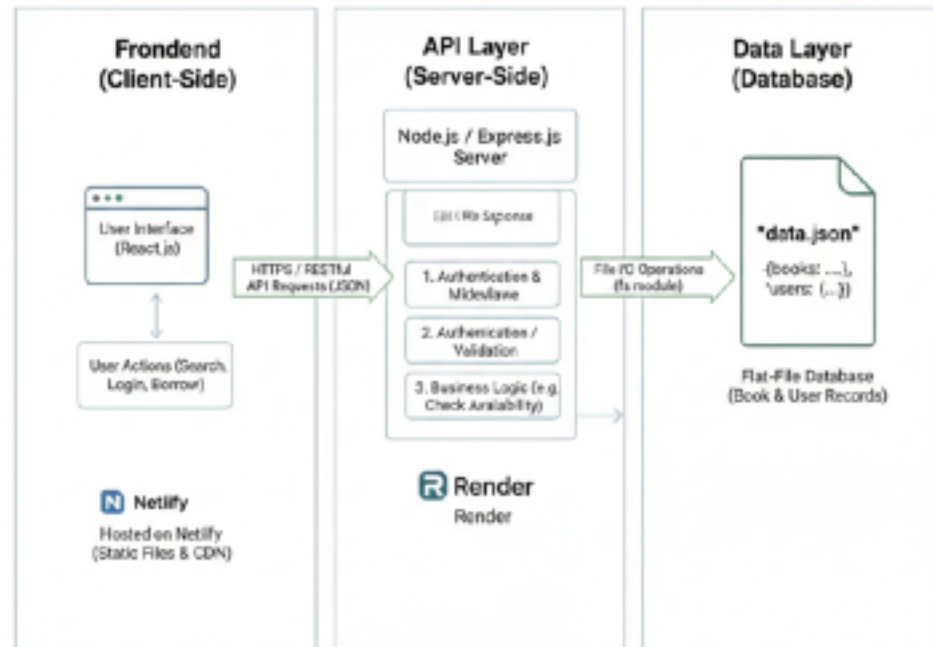


Result Analysis

vookapp

vookapp System Architecture & Data Flow

Client (Netlify) <--> Server (Render) Communication



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