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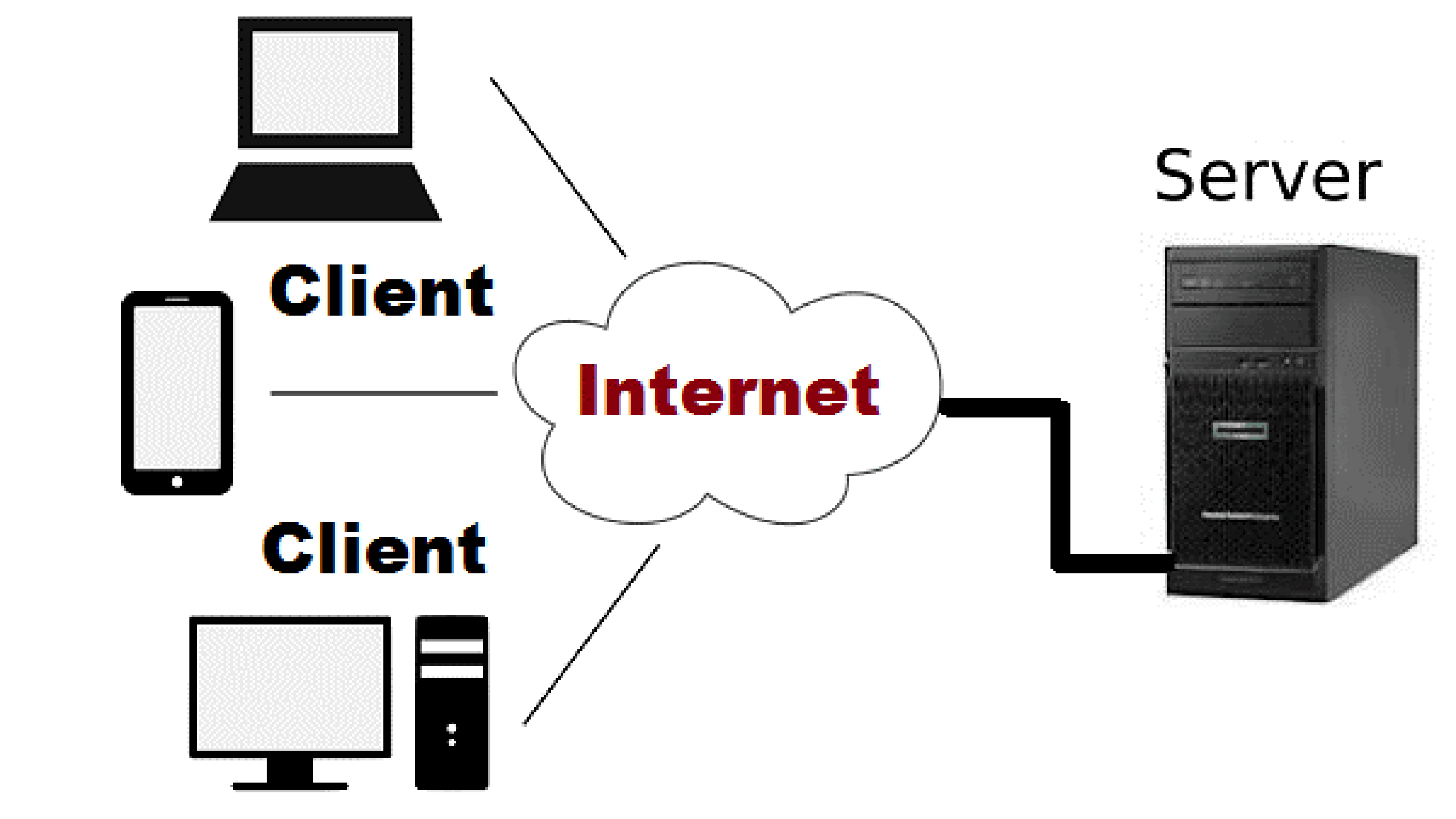
Architecture:

We've chosen a Client – server architecture for this project.

- The application is divided into two main parts:
- the client (user interface) and the server (application logic and database).
- They communicate through a network protocol (e.g., HTTP).


Server
Client
Internet
Client

Front End Technology: Next.js

Why Next.js?

- **Efficiency:** Dynamic front-end development for a seamless user experience.
- **Performance:** Supports server-side rendering for improved page load times.

Back End & Database

- **Back End: Django**
  - Python-based, known for simplicity and readability.
  - Robust and scalable backend infrastructure.

- **Database: PostgreSQL**
  - Powerful open-source relational database.
  - Ensures data integrity and supports complex queries.

The End