**D.A. System Requirement Specification**

**Functional Requirements:**

**User Management:**

* User registration and login functionality
* User roles and permissions (dispatcher, driver, customer)
* User profile management (update profile information, change password)

**Dispatch Management:**

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* Create, edit, and delete dispatches
* Assign dispatches to drivers
* Track dispatch status (pending, in-transit, delivered)
* Real-time dispatch updates and notifications

**Reporting and Analytics:**

* Generate reports on dispatch metrics (e.g., list of all DA for specific user with stored data)
* Analyze dispatch data to identify trends and areas for improvement

**Non-Functional Requirements:**

**Performance:**

* The webapp should respond to user input within 2 seconds
* The webapp should handle a minimum of 100 concurrent users

**Security:**

* Implement secure authentication and authorization mechanisms
* Ensure data encryption and secure storage

**Usability:**

* The webapp should be accessible on desktop and mobile devices
* The webapp should provide an intuitive and user-friendly interface

**Technical Requirements:**

**Frontend:**

* Built using HTML, CSS, and JavaScript
* Utilize a responsive design framework (e.g., Bootstrap, Materialize)

**Backend:**

* Built using a server-side programming language (e.g., Node.js, Python)
* Utilize a database management system (e.g., MySQL, MongoDB)

**Infrastructure:**

* Hosted on a personal server machine(e.g., CP Computer)
* Ensure scalability and reliability

This is just a starting point, and we can refine the requirements further based on your specific needs and requirements. Please let me know if you have any questions or need further clarification on any of these points!