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| **Technical Specifications** | **Performance Expectations** |
| Hardware Requirements | Response Time |
| Software Requirements | Resource Utilization |
| Scalability | Reliability |

1. **Scalability:** The application should be able to handle a growing user base and increasing data volume without significant degradation in performance. It should scale horizontally or vertically as needed to accommodate additional load.
2. **Reliability:** The application should demonstrate high reliability and uptime, with minimal downtime for maintenance or unexpected failures. It should be resilient to faults and errors, with built-in redundancy and failover mechanisms.
3. **Response Time:** User interactions within the application, such as page loads, form submissions, and data retrieval, should have fast response times to ensure a smooth and responsive user experience.

* **Hardware Requirements:** Specify the hardware environment in which the software will run, such as server specifications, processor requirements, memory, and storage.
* **Software Requirements:** Detail the software components and dependencies needed for the application to function correctly, such as operating systems, databases, frameworks, libraries, and third-party integrations.

**Resource Utilization:** The application should efficiently utilize system resources, such as CPU, memory, disk space, and network bandwidth, to optimize performance and minimize operational costs.