# **Non Functional Requirements**

## **Performance Requirement**

The proposed system that we are going to develop will be used as the Laboratory Computer System to view student’s data who logged in such as user id, name, logging time, logging date. Therefore, it is expected to manage laboratory resources effectively.

* The performance of the system should be fast and accurate.
* The system should be able to handle large amounts of data. Thus it should accommodate a high number of logging details without any fault.
* **Response Time -** Average response time shall be less than 2 second.
* **Throughput -**  The system shall accommodate 100 users per minute.
* **Start-up/Shutdown Time -** The system shall be operational within 1 minute of starting-up.
* **Capacity -** The system accommodates 500 concurrent users.
* **Utilization of Resources -** The system shall store in the database no more than 100000 Transactions. If the database grows over this limit, old transactions shall be backed up and deleted from the operational database.