

SUPPLEMENTARY SPECIFICATION FOR LIBRARY MANAGEMENT

1. Functionality

- In the flow of all use cases, if there are any errors during operations with database, there should be clear messages to indicate they are database errors

2. Usability

- The software should be user-friendly and online.
- Error messages should be clear to user
- Instruction should be very clear to user so that they can be familiar with the software; therefore, no special training is required

3. Reliability

- The system is available 100% for users due to the importance of data.
- The system shall be operational 24 hours a day and seven days a week.
- Even if the system fails, the system will be recovered back up within an hour or less.

4. Performance

- The information is refreshed at regular intervals depending upon whether some updates have occurred or not.
- The software shall respond to the user in not less than two seconds from the time of the request submission. The software shall be allowed to take more time when doing large processing jobs.
- Respond to view information shall take no longer than 3 seconds to appear on the screen.

5. Supportability

- All code should be well commented
- All 3rd party library should be included in 'requirement.txt.'
- Commit messages should be very clear