**3.2. External interface requirements**

The external interface is dynamically generated web page with professional graphics. The user screen is split it into two parts and vertical part is again divided into two parts. The right frame displays the information related to patient that is given in the search box. The top of frame contains the pages related to users.

**3.3. Performance requirements**

1. Should run on 500MHz, 256MB machine.
2. Responses to view information shall take no longer.
3. 90% of responses should be within 2 seconds.

**3.4. Design constraints**

Security: The files in which the information, regarding securities and portfolios should be secured against malicious deformations.

Fault tolerance: Data should not become corrupted in case of system crash or power failure or such type of hardware failures.

**3.5. Security requirements**

1. System use secured database to maintain records.
2. System will have different types of users and every user has access constraints.
3. Data should be secured and it should not be leaked outside.
   1. **Maintainability requirements**
4. Maintenance of records up to date.
5. Database backup and DDL script.
6. Our application should be designed to be easily being maintained and repaired.
   1. **Reliability requirements**

Reliability is the probability of that system which will process all work correctly and completely without being aborted.

* 1. **Availability requirements**

1. Online or offline help to above said user application deployment executive and developer.
2. 24\*7 availability.
3. Secure access of confidential data SSL can be used.
   1. **Database requirements**
4. Use of GUI like jasper to show strategically data to his/him (admin).
5. Database should only accept consistent data.
6. Updates must be done properly.
7. Crashing of data must be avoided.
   1. **Documentation requirements**
8. Simplicity of interface.
9. Point outs for employment disbursal and history etc.
   1. **Safety requirements**
10. System will not cause any harm to human user.
11. The database may get crashed at any certain time due to virus or opening system failure. Therefore if it is required to take database backups.
    1. **Operational requirements**

Once the implementation plan is decided if it is essential that the user of the system is made familiar and comfortable with the environment users have to be made aware that the new system. The user of the system should be given general idea of system before he uses the system.