# CHAPTER 4

# REQUIREMENT SPECIFICATION

A software requirement definition is an abstract description of the services which the system should provide, and the constraints under which the system must operate. It should only specify the external behavior of the system.

For the successful, efficient and problem free designing any project or program, the system should meet some requirements.

* 1. **Hardware Requirements**
* **Processor:** Intel core Duo 2.0GHz or more.
* **RAM:** 1GB or more.
* **Hard disk**: 80GB or more
* **Monitor:** 15” CRT or LCD monitor
* **Keyboard:** Normal or Multimedia
* **Mouse:** Compatible mouse
  1. **Software Requirements**
* **Operating System:** Platform independent. Windows used.
* **Software:** Xampp (for apache server)
* **Database:** MariaDB.
* **Front-End:** HTML, CSS, JS.
* CSS and JS to create attractive layouts and animations.
* Bootstrap for Navbar and for icons.
* **Back-end:** PHP.

PHP is used to validate the data coming through forms and for server-side

scripting.