**SYSTEM REQUIREMENT SPECIFICATION**

**Web Hosting Panel**

It is always necessary to study and recognize the problems of the existing system, which will help in finding out the requirements for new system. System study helps in finding different alternatives for better solution.

**3.1 Current System Study**

 Compared to the interfaces of several other control panels, the cPanel control panel is not very professional. Although it is easy to use, it can be viewed as too much of an

‘eye candy’ interface. Many webhosts and customers alike believe that more time could be spent developing new features for the control panel, than by creating a design which is not entirely professional, and in some cases, overdone.

 You can’t uninstall CPanel from your server. You will have format and reinstall OS if you wish to remove it.

**3.2 Problems and weakness of Current System**

 All servers do not give you the same security. Today, all C-Panels are Graphical

User Interface. So, the security of Graphical User Interface is very poor.

 The backup and restore option needs a lot of free disk space and in most cases large files that must be transferred to a secondary server.

**3.3 User Characteristics**

The proposed project will have three types of user.

**Admin:-**

Admin will have main control over the system. Admin will be able to make changes in the system. He will able to update, delete, show in task as well as the records. He can also able to add new functionality in the system.

**User:-**

User will also need to register for this system. After registration they can access this System for the use of general purpose or can be able to make a login, complaint, give a suggestion and show all the function .

**Employee:-**

Employee will also need to register for this system. After registration then can access this

System , they can manage help ticket, reply help ticket.

**3.4 Hardware and Software Requirement**

**3.4.1 Hardware Requirement**

 Client Requirement :

• Processor : Pentium IV

• Hard Disk : 20 GB

• RAM : 512 MB

 Server Requirement :

• Processor : Pentium IV

• Hard Disk : 100 GB

• RAM : 2GB

**3.4.2 Software Requirement**

 Client Requirement :

• Web Browser : Internet Explorer 6.0 or Any compatible browser

• Operating System : Windows XP or above

 Server Requirement :

• Operating System : Windows server 2008

• Frontend : Asp.Net with C# (MVC Framework 4.5)

• Backend Tools : mySql server

• Web server : IIS 7.0

**3.4.3 Programming / Server / Database Tools**

 Programming: C# Windows Form Application for coding and design

 Server/ Database Tool: mySql

**3.4.4 Software Used**

 Dot Net

**3.5 Constraints**

All the information will be stored in the database so error in connectivity may not occur.

**3.5.1 User Interface**

Regulatory Policies:

 Authorized person has an appropriate privilege to make any changes or modification in this Application

 Limited visibility of different modules should be based on group created for specific type (Admin, Employee and Customer).

**3.5.2 Communication Interface**

 To run, this application requires Web browser and requires the constant connection with database Server.

 Safety and Security Consideration:

 The database connection constraints are the major information not to be Visible to the users. So that we can remove hacking for this we have used a single connection with the database which is stored in Server and to maintain the security.

 We are also providing different visibility scope for administrator site and main site.

In front site member’s account is not visible without authentication.

**3.5.3 Critically of This Application**

To run this application require Dot Net and requires the constant connection with database Server.

**3.5.4 Safety & Security Consideration**

The main security concern is for users account hence proper login mechanism should be used to avoid hacking. Hence, security is provided from unwanted use of recognition software.

**3.5.5 Hardware Interface**

This system is access by user through desktop application. If pc is in defective, then user will not get good performance.

**3.6 Assumption & Dependencies**

We assume that, the admin panel is using any windows operating system on their machine. All the customer have to login with their user name and password.