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3.1.2 Hardware Interfaces

The existing Wide Area Network or the internet will be used for collecting data from the users and also for updating the content of the system by the administrators.

3.1.3 Software Interfaces

A firewall will be used with the server to prevent unauthorized access to the system.

3.1.4 Communications Interfaces

The Competitive Counselling System will be connected to the World Wide Web.

3.2 Functional Requirements

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Providing User the details of all competitive exams and other details.

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Enabling Users to post queries and respond to other’s queries using comments.

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Administrator login for administrators.

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Viewing of Traffic stats and User details by Administrator

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Managing of Content by Administrator.

3.3 Non-Functional Requirement

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Backup of the database in case of failure.

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Security of the application to prevent attacks.

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Documents and comments throughout for upgradation

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3.4 Performance

3.4.1 Response Time

The feedback form should be able to be downloaded within a seconds using a 56K modem. Theaccess time for a mobile device should be less than a minute. The system shall respond to thealumnus in not less than two seconds from the time of the request submittal. The system shall beallowed to take more time when doing large processing jobs.

3.4.2 Administrator Response

The system shall take as less time as possible to provide service to the administrator or thelibrarian.

3.4.3 Throughput

The number of database transactions is directly dependent on the number of users, the users maybe the administrator, alumni or the professors of the college.

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3.4.4 Capacity

The System capability depends on the capability or limit of the hosting server.

3.4.5 Resource Utilization

The resources are modified according the input provided by the alumni and also according to theadministrator in case he adds a new user.

3.5 Supportability

The system designers shall take in to considerations the following supportability and technicallimitations.

3.5.1 Internet Protocols

The system shall be comply with the TCP/IP protocol standards and shall be designed accordingly.

3.5.2 Information Security Requirement

The system shall support the VIT information security requirements and use the same standard asthe VIT information security requirements.

3.5.3 Maintenance

The maintenance of the system shall be done as per the maintenance contract.

3.5.4 Standards

The coding standards and naming conventions will be as per the IEEE standards.

3.6 Design Constraints

3.6.1

Software Language Used

The languages that shall be used for coding the Alumni Feedback System are Hypertext Pre-processor (PHP), SQL, HTML, JavaScript, CSS. For working on the coding phase of the AlumniFeedback System, the Internet Information Services (IIS) Server needs to be installed.

3.6.2 Development Tools

Developers will make use of the available Netbeans Tool with the PHP extension. They would alsomake use of the online references available for developing programs in PHP, HTML and thescripting language, JavaScript.

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3.6.3 Class Libraries

Developers will make use of the existing PHP libraries available for PHP.

3.7 Licensing Requirements

The usage is restricted to those who purchase the CCS software and by using they show that theyagree by the rules of CCS.

3.8 Legal, Copyright and other Notices

Competitive Counselling System is a trademark of Saurabh Singh and cannot be used without hisconsent. All disputes will be dealt within the jurisdiction of Vellore

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4.0 Additional information

No Additional information.