# Requirement Document

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# Version: 1.0

**Project Name:** All In One Information Station

**Description:**

It is student help portal, which provides environment for all students to upload queries, ads, discussion on portal which will be helpful for other fellow students.

**Functional Requirements:**

* Interface: It will provide user interface to user through graphical portal.
* Authentication: All student needs to login to portal first with their ID and password, to use this application.
* Authorization Level:

There will be three types of user

* Admin
* Security Manager
* End Users

Admin is super user for this application, which will administrate application with respect to

* User administration (setup and maintaining account)
* Maintaining system
* Verify that peripherals are working properly
* Maintaining account
* Password and identity management
* Monitor application performance

Security manager will review add/ query for malicious content and delete it if he finds such type of content.

End Users are the user which will upload and comment ads, query and discussion as per their interest or need.

**Non- Functional Requirements:**

* Environmental:

Use of client-server model, the client and server using different operation systems and different programming languages (i.e., Go and C#), and the involvement of database.

Client: Windows desktop with C# .net

Server: Linux server with Go language

* Maintainability:

For maintaining database with respect to account management, data content review and it will have down time as maximum 5 minutes in working hours.

* Security:

User authentication required to use this portal.

Security Manager will review the content uploaded daily, and delete the thread containing malicious content.

**Requirement Structure:**

Administrator

Security Manager

End User

Access



Application

User

**Fig. Structure**

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