SYSTEM REQUIREMENTS SPECIFICATION

ASSIGNMENT NO 1

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College Management System

We are going to design a college student management system. For this purpose we are gathering the requirements for the development of this system. This process includes the following steps:

1. **Inception**
2. **Elicitation**
3. **Elaboration**

Step 1: Inception

In this step, we will ask the client few general questions so that we can get idea of what he wants from us to develop. Questions are as follows:

Question 1:   What system do you wants from us to develop?
Ans: I wants you to develop a college student management system for our College.

Question 2:   What type of system do you wants, I mean online management system or just   a desktop application?
Ans: I wants an online management system that I can access from any computer
or   even it would be better if I could access it from my tablet or smartphone etc.

Question 3:   In how many branches would you implement this system?
Ans: Our college has two branches separate for boys and girls and we will
                       like to implement this system in our both branches.

Question 4:   What is your expected budget for this project?
Ans: We are looking forward for a mid budget project. We estimated that project
                        of this caliber should not be reached beyond the 1 million rupees.

Question 5:   What would be your deadline for this project?
Ans: We are expecting that this project should be completed in a month. It would
                        be great if you could wrap it up with in the given time.

Question 6:   Who is going to be the owner of this product?
Ans: The owner would be the ceo of our college. He is responsible for every
                        financial thing.

Question 7:   Would you like to see the quick design of the system before its development?

Ans: Yes, We would like to see the designs of this system.

Question 8:   Would you like to extend the date or budget if it doesn't gets covered in the given deadline?

Ans: We might think to do that we would appreciate that if you could develop this system in the required deadline or budget.

Step 2: Elicitation

In this step we will ask some questions from our client regarding the system. These questions will be particularly regarding the functionalities of the system. Some of these questions are as follows:

Question 1:   Do you wants this system to be available for everyone or you wants this system to get accessed by only authorised persons?

Ans: We wants this system to be secure. Everything in this system should be accessed by only authorised persons.

Question 2:   Which special persons do you wants to be authorised?

Ans: Only the employees of student office and the admission office should have access to this system.

Question 3:   What type of things you wants to be managed through this system?

Ans: We wants to manage the records of students, courses, faculty and the
admins   who would have access to this system.

Question 4:   Do you also wants to have online attendance system to be embed in this record management system?

Ans: No, for now we do not wants to have this system to be installed.

Question 5:   How many users you are expecting to have access to this system?

Ans: There would be round about 50 employees of our college who would access to this system at a same time.

Question 6:   Do you wants this system to have a print function so that you could print out the records from this system?

Ans: Yes, We needs this system to have a print function so that we can print out the forms and other records from this system.

Question 7:   Do you wants this system to give access to students?

Ans: No, we do not wants this system to give access to any of the student at all. Infact only admin would be able to allow the permission of access to any new employee.

Question 8:   Do you want any priorities for the different functions in this system to be accessed by employees or just equal access to all the admins?

Ans: Yes, all the admins should have the equal access to all the functionalities of this system.

Question 9:   You said it should be accessed by any system for example mobile phones. It means you need and responsive management system?

Ans: Yes I think it should be responsive so that we can easily access it or use it for management purposes.

Question 10:   Do you want anyone to be registered or just admin could register new user?

Ans: No, only admin should be able to add new members or users who could have access to the different functionalities of this system.

Mission Statement:

The client needs a responsive online management system for his college. He needs a system on which they can securely manage the data of teachers, students, courses and the admins who can have the access to this system. He wants a responsive system so that he can access it not only by computer but also by using tablet or a smartphone. He also wants this system to be connected with the printer so that they can get print out of the data from databases of this system.

Step 3: Elaboration

Elaboration step has been shown with help of use case diagram: