Software Requirements Specification

for

E-NOTICE BOARD

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# Introduction

1. PURPOSE :

The purpose of this document is to provide the software requirement specification report for the  E -Notice board database.

2) DOCUMENT CONVENTIONS :

|  |  |
| --- | --- |
| DB | Data base |
| DDB | Distributed Data base |
| ER | Entity relationship |

3) INTENDED AUDIENCE AND READING SUGGESTIONS :

This project is the college level project and is implementing under the guidance of

college Professor. This project is useful to any educational institutions.

4) PROJECT SCOPE:

World is moving fast and in a smart way . so , I decided to make a path

between the college/ institutions and smart way Technologies. As a result of this , I am going to

implement a smart E-notice board . It’s not just an Notice board , it’s also a attendance based

system on their registered courses and notifications alerts regarding the Assignments date’s or any

Emergency classes on the following day .

5) OVERALL DESCRIPTION:

Firstly I want to say is my project name is E-notice board , it’s not only a

notice board . It contain many features in my application , it has time table of the following branch

or year , It has the Attendence system like if the student had registered the following course the

faculty will take the attendance as he click the absent or present students and he will send to the

admin . the Faculty may send the assignments to the app . Student can see their registered courses ,

attendance status and he will get the notification alerts . notification means , if there is a Emergency

class on the following day student may see in their app and also they will get the notifications

regarding the Assignments submission/Deadline. Student may see the time table and also we can

add any features or customize the app for our convenience.

6) PRODUCT PERSPECTIVE:

A E-notice board stores the following information as shown below .

i) INSTITUTE DETAILS :

The college or any institute using this application may describe the college details and the

institute have to show the time table of the following year and branch or class .

ii) STUDENT DETAILS :

It includes the student name, ID no ,Email ID , Phone no, year , Branch, registerd course . this

is used to inform the student any kind of information.

iii) FACULTY DETAILS :

It includes the faculty name ,email id , phone no , teaching course. Teaching courses is

because the faculty has to take the attendance of student and Assignments sending.

7) EXTERNAL FACE REQUIREMENTS :

i) USER INTERFACES :

Here student and faculty is the user interfaces and so they have to register carefully of their

following courses . so, that only he can receive the notifications of their courses.

ii) HARDWARE INTERFACES :

i) Windows 8 .

ii) Browser which supports CGI, HTML & Javascript.

8) REQUIREMENTS:

Requirements are same as mentioned above in the productive perspective like common features

login, signup. So in this the registration of the faculty and students are important because based on

their registration only we send the notification of regarding their subjects and courses. And also

faculty have select the courses which he was teaching .

9) OPERATING ENVIRONMENT :

On operating Environment it is like easy to handle and operate the application . and in a very

smart way of using the E-notice Board.

 distributed database :

Distributed database implies that a single application should be able to operate transparently on data

that is spread across a variety of different databases and  connected by a communication  network.

 client/server system board.

10) SYSTEM FEATURES:

i) DESCRIPTION AND PRIORITY : The main theme of the application is the college or

institute have to use in a smart way , so that i am implementing the application in a user friendly

way. The features are as follows :

It has two login methods:

1) Admin/Faculty

2) Student

11) DATABASE:

Here we are using a logical database must be able to access and identify all files within the

storage system to operate correctly. database determines these relationships through a series of

highly structured tables designed to categorize information into groups for easier accessibility.

13) SECURITY REQUIREMENTS:

Security systems need database storage just like many other applications.

However, the special requirements of the security market mean that vendors must choose their

database partner carefully.