**CAMPUS KIOSK**

**SYNOPSIS**

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**BONAFIDE CERTIFICATE**

Certified that this synopsis report **“CAMPUSKIOSK”** is the bonafide work of **“GANESH SAWHNEY, VISHAL SHARMA, ARNAV GUPTA and MUKESH KUMAR MISHRA”** who carried out the project work under my supervision.

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**INTRODUCTION**

College management system is an integrated web application that handles various academic and non-academic activities of a College/Academic Institute. The system can be accessed by every students/faculties/employees of the institution through internet connected computers or internet enabled mobile devices with the aid of his user name and password. Every user will have a customized home page with his/her profile management facilities.

Through links that displays in the home page the user can access different options of the website assigned to him. Though the system allows access to every one there is a significant security risk involved in this project. To tackle this problem we have a modular structure in the proposed system and a complete isolation of the financial and administrative modules from the public portal.

Web services will interact to the financial and administrative modules to fetch necessary information to display in the public portal. Although a standard password policy will be followed in the designing of the system to prevent the possibilities of malicious activities of itching users.

A self-driven module in the proposed system will accomplish the automated tasks such as Email Alerts, SMS alerts, Notifications to the administrator etc.**Theoretical Background**

Today in colleges student details are entered manually. The student details in separate records are tedious task. Referring to all these records and updating is needed. There is a chance for more manual errors.

**Problems in existing system:**

* It was limited to a single system.
* It was less user-friendly.
* It have a lots of manual work (Manual system does not mean that we are working with pen and paper, it also include working on spread sheets and other simple software's)
* It requires more no of employees need to work.
* It was time consuming process.
* The present system was very less secure.
* It is unable to generate different kinds of report.

**Solution to these problems:**

The development of the new system contains the following activities, which try to automate the entire process keeping in view of the database integration approach.

* User friendliness is provided in the application with various controls.
* The system makes the overall project management much easier and flexible.
* It can be accessed over the Internet.
* Various classes have been used to provide file upload and mail features.
* There is no risk of data mismanagement at any level while the project development is under process.
* It provides high level of security using different protocols like https etc.

**AREA OF APPLICATION**

The Area of application being:

* Academic information
* Hostel information
* Subject & Academic Registration
* Class time table
* Class attendance
* Class tests/mid semester test marks detail
* Exam date sheet with seating plan
* Marks obtained / CGPA/SGPA details
* Disciplinary record
* Fee detail which includes:
* Fee/fine payment, dues details
* Debit/credit advice
* Employee Web-Kiosk
* Personal information
* Contact information - view/edit
* Leave and salary record
* Debit/credit advice
* Income tax declaration and deductions
* Workflow for Leave / LTA / Medical/ Advance / No Dues
* Academic information
* Time table View
* Student attendance
* Day/time preference/no duty request for invigilation duty
* Employee wise date sheet/invigilation duty
* View seating plan
* Marks entry of class tests/mid semester test
* Grade calculation
* Booking/cancellation of room for special activities/extra class
* Student information
* Employee information
* Security management

**USERS ELIGIBLE**

The different types of users are:

1. **Admin**
2. **Student**
3. **Employee**

**User Requirements:**

The following requirements are raised during the analysis of the needs of the users:

* A Person Should be able to login to the system through the first page of the Application.
* The Administrator can create users as per user requirement.
* Admin can upload the data for a particular Student. On successful completion of upload, user (Student/Parent/Faculty) can view reports.
* A general user will have access to see the status of particular Student id number.
* Student (user) can use all the facilities, same as which are provided to him in the college.
* Student can see attendance, notices, grades, report and other facilities in updated manner.
* There will be a separate page for every student as his account in which he can get notices, attendance, grades, assignments etc.
* Parent can just view the record of student with the username and password provided.
* Faculty can give the attendances and notices for the students.
* The administrator verifies all these reports and generates them for users to view them.

**TECHNOLOGIES USED**

The various technologies used are:

1. **HTML**
2. **CSS**
3. **PHP**
4. **JAVASCRIPT**
5. **MYSQL**
6. **APACHE**

**HARDWARE REQUIREMENTS**

**Hardware Specification (Minimum)**:

**Disc Space:** 10 GB

**Processor:**  Pentium 3

**Memory:** 512 MB RAM

**File System:** 32/64 Bit

**Software Specification:**

**Operating System (Server Side):** Windows XP.

**Operating System (Client Side):** Windows XP.

**Client End Language:** HTML 4+

**Local Validation:** PHP 5+

**Server Side Language:** PHP 5+

**Database:** MySql 5.6.26

**Web Server:** XAMPP server

**Web Browser:** Internet Explorer