**TEACHER’S DIARY**

**A Project Report**

**BACHELOR OF COMPUTER APPLICATIONS**



**Teacher’s Diary**

**Software Requirements Specification Document**

**Project Guide:**

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**DECLARATION**

We hereby declare that the project work entitled “TEACHER’S DIARY” is being submitted to Faculty of Computer Science and Application is the authentic record of our own project work done under the guidance of Mr. Nitin Deepak (Astt. Professor) FCSA, Amrapali Group of Institutes, Haldwani.

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**CERTIFICATE**

This is to certify that the project titled “TEACHER’S DIARY” is the bonafide work carried out by Ravi Pandey, Preeti Kumari Kushwaha, Sapna Bhatt, Rajkumar Gupta, Satyam Kumar Shrivastav students of Bachelor of Computer Applications, Amrapali Institute of Applied Sciences, Haldwani affiliated to Kumaun University, Nainital, India, during the academic year 2018-19, and that the project has not formed on the basis for the award previously of any other degree, diploma, fellowship or any other similar title.

**Signature of the Guide**

#### **Abstract**

**Acknowledgement**

The completion of any disciplinary project depends upon cooperation, co-ordination and combined efforts of several sources of knowledge. It is our great pleasure to acknowledge the contribution and assistance of a few individuals to this effort. We acknowledge here our debt to those who have contributed significantly to this project.

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| **7.** | **REFERENCES**   1. **Introduction**   A Teacher diary is a diary where a teacher records what happens in their classes and their thoughts about it. Teacher diaries are a good way to start a course of development, By collecting information about what goes on in our classroom, and by analyzing and evaluating this information, we identify and explore our own practices and underlying beliefs.  This may then lead to changes and improvements in our teaching. Teachers play vital roles in the lives of the students in their classrooms. Teachers are best known for the role of educating the students that are placed in their care. Beyond that, teachers serve many other roles in the classroom. Teachers set the tone of their classrooms, build a warm environment, mentor and nurture students, become role models, and listen and look for signs of trouble.  Teacher’s diary is an automated version of manual teacher diary. The design and implementation of a comprehensive teacher diary and user interface is to replace the current paper records. College Students and faculty are able to directly access all aspects of a student’s academic progress through a secure, online interface embedded in the college’s website.  The system utilizes user authentication, displaying only information necessary for an individual’s duties. Additionally, each sub-system has authentication to allow authorized users to create or update information in that subsystem. All data is stored securely on SQL servers.  **1.1 PROBLEM DEFINATION**  **Objective:**   * To provide the easiest and interactive online interface for students, Parents and Faculty etc. * To increase the efficiency of Teacher’s Diary management. * To decrease the time required to access student records, Faculty records. * To decrease the time in making lecture plan, lesson plan, weekly plan and in taking attendance, internal test ,time table etc. * To make the system more secure and reliable. * To decrease the time spent on non-value-added tasks.   Purpose:   * We have developed the Teacher’s diary. In this portal all details of students are handle by faculty. * This portal will be most useful for Teacher’s for keeping track record of various students. * Each teacher must maintain a teacher’s diary which will serve as a comprehensive record of his/her work throughout the year. The diary should contain the syllabus of the subjects taught, Lesson/Lecture plan, Internal test, The weekly plan of work, Attendance of students, The projects undertaken, The response from the students, The contacts with parents, etc. * The work for each week should be pre-planned and entered in the diary and this should be submitted to HOD/ V. principal/ principal on the last working day of each week day. * The data once entered will be able to edited/deleted as per required when there will be vast entries of data.   **Scope**   * The system "Teacher’s Diary" can be used by any school who wants to make the communication between parent and teacher effective. Using this system parent take care of his child’s study. Parent can also get the regular details of student from the school. * There are no banners for advertisement on the site. * This system would be able to run only in Windows platform. * Supported only by My SQL database. * There will be no security of data. * Supportive language is only English.   **1.2 PROJECT SPECIFICATIONS**  This project is aimed at developing a web application for the teacher’s diary. The system is a web application that can be accessed through the faculty as well as student with proper login provided. This system can be used as a web application for the faculty and student of the college to manage the student information, faculty information, lecture Plan, lesson Plan, Weekly plan, Attendance of students, internal test and time table also. Students logging should be able to view attendance, time table and their marks. Faculty logging should be able to edit and view attendance, lecture, lesson weekly, marks, and time table. The key feature of this project is that it is a onetime registration. Our project provides the facility of maintaining the details of the students, faculty, lecture planning, attendance record, marks and time table.  Thik karna h  Administrator logging in may also search any information put up by the students.  **Definition, Acronyms and Abbreviations:**  ADMIN: Administrator.  DEO: Data entry operator.  RAM: Random access memory.  ROM: Read only memory.  GUI: Graphics user interface.  GB: Giga Byte.  SRS: Software Requirement and Specification.  DFD: Data Flow Diagram.  E-RD: Entity Relationship Diagram.  E-Mail: Electronic Mail.  OS: Operating System.  DBMS: Database Management System.  PHP: Hypertext preprocessor.  SQL: Structured Query Language.  WWW: World Wide Web.  HTML: Hyper Text Markup Language.  CSS: Cascade Style Sheet.  JS: Java Script.  CI: Code Igniter.  HDD: Hard Disk Drive.  DD: Data Dictionary.  PERT: Program Evaluation Review Technique.  DOC: Date Of Commencement.  ADOC: Actual Date of Commencement.  EDOC: Expected Date of Commencement.  **1.3 HARDWARE SPECIFICATION:**  Following requirements must be fulfilled by the portal for better performance of software system.   * + 1. Intel Pentium 4.1GHz processor     2. 512MB RAM     3. 5GB Hard disk space   **1.3.4** Internet Connection  **1.4 SOFTWARE SPECIFICATION:**  Following requirements must be fulfilled by the portal for better performance of software system.  **1.4.1** Operating System: any GUI based  **1.4.2** Microsoft Office 2010 or Above  **1.4.3** Web Browser (Recommended: Microsoft Edge/Google Chrome).  **1.5 DEVELOPMENT TOOLS:**  HTML  CSS  JAVASCRIPT  BOOSTRAP  CODEIGNITER  PHP  MVC TECHNOLOGY  MY SQL  XAAMP  Apache HTTP Server | **74** |
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