Professor’s Diary

BY

Khan Mutlib(55)

Ashwini Badgujar(07)

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MUTLIB KHAN

ASHWINI BADGUJAR

INTRODUCTION

Professor’s Dairy is a system which provides functions to teachers to fill their diary online. Information about timetable, daily tasks, schedules, leaves can be recorded and managed through the system. Teachers can get and access the data according to their convenience.

It reduces the paper work done by the teachers and overcomes the problem of inefficiency of deleting the records.

WORKING OF EXISTING SYSTEM

* Existing system is a paperwork which is a book wherein teachers’ maintain their daily schedule.
* Teachers’ record their information about timetable, daily tasks, schedules, leaves, duties, etc.
* The book contains details of the curricular and extra-curricular activities done by teacher in the academic year.

DRAWBACKS OF EXISTING SYSTEM

* Existing system is a paperwork which is hectic to carry and manage every time.
* The deletion of records is problematic since it creates mess and takes space.
* Once the record is inserted, it directly has to be deleted. Updating records is hectic.
* The process is lengthy and time consuming.
* Teachers’ need to go through many pages to get the information about a particular week or month.

PROPOSED SYSTEM

* New system is a simplified way of doing things done in the diary.
* New system allows us to add or delete records easily.
* New system helps us to get access data easily and data can be displayed in a simplified way.
* New system is less time consuming.

FEATURES OF PROPOSED SYSTEM

* Less time consuming.
* Easier than paper work.
* Easy access of data.
* No need to carry everywhere.
* No mess during deletion or updation.

SYSTEM REQUIREMENTS

Developer’s View

* PHP knowledge
* Adobe Dreamweaver

User’s View

* Web Browser
* Internet Connection

DEPLOYMENT DIAGRAM

DATABASE

PROFESSOR’S DIARY

MYSQL

SEQUENCE DIAGRAM

:TEACHER

:DATABASE

:SYSTEM

Login verification of email & password

Validation result teacher validation

Profile update updating records

Profile creation result new updated records

Addition of subject and lecture creating timetable

Tabular timetable format timetable creation

Addition of daily tasks inserting records

New tasks result tasks inserted

Searching reports searching records

View reports records displayed

Logout()

Log out successful

CLASS DIAGRAM

Timetable

+ sub : String

+ f\_time :time

+ addsub();

+ viewtimetable();

+deletelecture();

Teacher

+fname : String

+doj : date

+qualification : String

+ recordleave();

+ addmeetings();

1.1

1.\*

Tasks

+ topic : String

+ date :date

+ addtopic();

+ viewtasks();

+ deletetasks();

Plan

+ month : String

+ topic :String

+ addmonth();

+ viewplan();

+ updateplan();

1.\*

1.\*

Records

+ date : date

+ class : String

+ searchrecord();

+ viewrecord();

+ getdetails();

USE CASE DIAGRAM

teacher admin

DATABASE DICTIONARY

MASTER TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column | Type | Null | Key | Links to |
| Tid | int(11) | No | Pri |  |
| Email | varchar(30) | Yes |  |  |
| Mob | varchar(10) | Yes |  |  |
| al\_mob | varchar(10) | Yes |  |  |

DEPARTMENT TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column | Type | Null | Key | Links to |
| Dno | int(11) | No | Pri |  |
| Dname | varchar(30) | Yes |  |  |
| Faculty | Varchar(20) | Yes |  |  |

SUBJECT TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column | Type | Null | Key | Links to |
| Tid | int(11) | Yes | Mul | master->tid |
| Sub | varchar(10) | Yes |  |  |

TEACHER TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column | Type | Null | Key | Links to |
| teachid | int(11) | Yes | Mul | master->tid |
| Dno | int(11) | Yes | Mul | dept->dno |
| fname | varchar(30) | Yes |  |  |
| lname | varchar(30) | Yes |  |  |
| qualification | varchar(30) | Yes |  |  |
| Dob | Date | Yes |  |  |
| Doj | Date | Yes |  |  |
| emailid | varchar(30) | Yes |  |  |
| mob | varchar(10) | Yes |  |  |
| al\_mob | varchar(10) | Yes |  |  |
| head | enum(‘Y’,’N’) | Yes |  |  |
| password | varchar(20) | Yes |  |  |

CLASS TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column | Type | Null | Key | Links to |
| Tid | int(11) | Yes | Mul | master->tid |
| Class | varchar(10) | Yes |  |  |
| division | varchar(10) | Yes |  |  |

TIMETABLE TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column | Type | Null | Key | Links to |
| Tid | int(11) | Yes | Mul | master->tid |
| Lno | int(11) | No | Pri |  |
| Day | varchar(20) | Yes |  |  |
| ftime | Time | Yes |  |  |
| ttime | Time | Yes |  |  |
| roomno | int(11) | Yes |  |  |
| Sub | varchar(10) | Yes | Mul |  |
| Class | varchar(10) | Yes |  |  |
| division | varchar(10) | Yes |  |  |

TASKS TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column | Type | Null | Key | Links to |
| Tid | int(11) | Yes | Mul | master->tid |
| Task\_id | int(11) | No | Pri |  |
| Dt | Date | Yes |  |  |
| ftime | Time | Yes |  |  |
| ttime | Time | Yes |  |  |
| Cls | varchar(10) | Yes |  |  |
| division | varchar(10) | Yes |  |  |
| topic | varchar(100) | Yes |  |  |

TEACHING PLAN

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column | Type | Null | Key | Links to |
| Tid | int(11) | Yes | Mul | master->tid |
| month | varchar(10) | Yes |  |  |
| allocated | int(11) | Yes |  |  |

TESTING

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test case no. | Test case name | Input | Expected output | Observed output |
| 1 | Login | Username, Password | Home should be displayed | Home page displayed |
| 2 | Update Profile | Profile details like name, contact no., etc | Profile should be updated. | Profile updated. |
| 3. | Add lectures | Lecture timings, class, etc | Lecture should be added and timetable should be displayed | Timetable displayed. |
| 4 | Insert timings | Time | Timing should get inserted if valid timings are inserted. | Timings inserted in 12- hour format. |
| 5 | View timetable | Lecture timings | Timetable should get displayed in tabular format with all values properly assigned. |  |
| 6 | Inserting date | Date | Dates should get inserted. | Dates inserted. |

LIMITATIONS OF PROPOSED SYSTEM

* Accessible in LAN.
* Backup cannot be taken.
* Events attended by teacher cannot be recorded.
* Teachers cannot have diary in pdf format.

FUTURE ENHANCEMENTS

* Storing data on cloud.
* Backup and reset functionality.
* Events will be recorded.
* Teachers can have printout of the diary as and when required.

REFERENCES

* [www.w3schools.com](http://www.w3schools.com)
* PHP Book (O’Reily Publications)

INPUT / OUTPUT SCREENS





















