MAHATMA JYOTIBHA PHULE GOVN. POLYTECHNIC,KAUSHAMBI

PROJECT REPORT

On

College Management System

Towards partial fulfilment of the requirement

For the award of degree of

DIPLOMA

From

Mahatama Jyotibha Phule Gov. Polytechnic

Kaushambi

Submitted to :-   Submitted by :-

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HOD Diploma MJPGP Kaushambi   Year:- 3rd Year/ VIth sem

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<u>CERTIFICATE</u>

This is to certify the main project titled "**COLLEGE MANAGEMENT SYSTEM**" is a bonafide work done and submitted by **Tushar Kushwaha (E1742235500054) Marshal Yuvraj (E1742235500027) Rajneesh Maurya (E18442238900003)** under the guidance of **Mr. RAVINDRA KUMAR** for the award of degree of **DIPLOMA** at **MAHATMA JYOTIBHA PHULE GOV. POLYTHENIC KAUSHAMABI** and the bonafide work has not been submitted elsewhere for the award of any other degree.

Under the Guidance of   Head of the department(HOD)

Mr. RAVINDRA KUMAR   **Mr. RAVINDRA KUMAR**

<u>ACKNOWLEDGEMENT</u>

Behind every achievement there is an insurmountable ocean of gratitude to those without whom it would never have come into existence. This list of thanks is heart felt & acknowledges those people who in all possible ways helped me making this project a success.

We take this opportunity to the owe sky – high gratitude to our project guide **Mr. Ravindra Kumar** for his able guidance that shepherded me throughout the project. I also thank him for his keen interest, expert guidance & task driven encouragement. His monitoring and valuable suggestions made the path smooth towards completion of our project. It was an enlightened experience working under his guidance.

We also extend our heart – felt thanks to **Mr. Ravindra Kumar** (H.O.D-Diploma Computer Science & Engg.). It was their never ending support that made it possible to achieve success.

Also it's my priviledge in thanking Members of the Organization without whom this Achievement would be much tougher.

Last but not the least, we thank our family members and friends for their kind cooperation and support.

I am grateful to all those who have directly or indirectly helped me in completion of the project.

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DECLARATION

I hereby declare that the project entitled "**College Management System**" is a record work done by **Tushar Kushwaha(E1742235500054) Marshal Yuvraj (E1742235500027)**

 Rajneesh Maurya (E18442238900003)   submitted for the Diploma Computer science

& Engg . at(**Mahatma Jyotihba Phule Govern. Polytechnic,Kaushambi**) The report is

based on project work done entirely by us and not copied from any other source.

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Introduction.

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1.1 Project scope

Today all works at the time of the admission of the students is done manually by ink and paper, which is very slow and consuming much efforts and time. It is required to design of the computerized Automation Management system, to speed up and make it easy to use system.

The present system is the manual one. Hence all the information about the student and faculty details maintained in the files. The whole session attendance is stored in the registers and at the end of the session the report are generated. It becomes very difficult to generate the report in the middle of the session or as per requirement because it takes more time in calculation. At the end of the session the student who don't have 75% attendance are get a notice. It is unfair to those students if they would have short attendance so that they could take regular classes.

The 'Automation Management System' software overcomes this problem since the data is stored in computer using DBMS, we can retrieve the record of any student whenever we requires it. It also reduces the manpower needed to perform the entire admission and administration task by reducing the paper works needed.

1.2 Project Objectives

This Project is basically aimed in providing latest technologies & trends to the College sector service, so that college can store there student's records like details of student , attendance & semester marks which can be viewed by Administrator It is a comprehensive student information management system developed from the ground up to fulfill the needs of independent Colleges as they guide their students to success. The Education Edge integrated information management system connects operations in the College environment Admissions and Registration, Marks Reports, Attendence Reports, Cource Details , Semister details. This reduces data error and ensures that information is always up-to-date throughout the College.

1.3 Project Goals

> **Planned approach towards working**:- The working in the organization will be well planned and organized. The data will be stored properly in data stores, which will help in retrieval of information as well as its storage.

- **Accuracy**: - The level of accuracy in the proposed system cannot be decided. Because here user buy and another user build the home. There is no guarantee.

- **Reliability**: - The reliability of the proposed system will be high due to the above stated reasons. The reason for the increased reliability of the system is that now there would be proper storage of information.

System Analysis

2.1 Existing System:

Manual Process of this requires a lot many of records to maintain. College authorities need to take care to store each and every student details and also there examination details .Manual process requires man power. Existing System is manual process .Data Security is not provided in this system. Integrating data is also a problem in this system .It is not User friendly system.

2.2 Proposed System:

Proposed system is windows application. In this application student details are maintained efficiently admin has a facility to view the student details, edit the details .semester details and marks details are also maintained in this system. This has an enhanced facility. It is a fast, affordable, low-risk solution with easy implementation and lower maintenance and operational costs.

2.3 Benefits of The System:

- **User friendly**
- **Report are easily generated**
- **Very less paper works**
- **Computer operator control**

➢ **Effective:** Admin Change profile of student and manage all the things.

FEASIBILITY REPORT

3.1 Understanding Feasibility:

Feasibility study is the process of determination of whether or not a project is worth doing. Feasibility studies are undertaken within tight time constraints and normally culminate in a written and oral feasibility report. I have taken two weeks in feasibility study. The contents and recommendations of this feasibility study helped us as a sound basis for deciding how to precede the project. It helped in taking decisions such as which software to use, hardware combinations, etc.

Three aspects in which the system has to be feasible are:-

3.2 ECONOMICAL FEASIBILITY:

Economical feasibility determines whether there are sufficient benefits in creating to make the cost acceptable, or is the cost of the system too high. As this signifies cost-benefit analysis and savings. On the behalf of the cost-benefit analysis, the proposed system is feasible and is economical regarding its pre-assumed cost for making a system.

We classified the costs of e-shopping according to the phase in which they occur. As we know that the system development costs are usually one-time costs that will not recur after the project has been completed. For calculating the Development costs we evaluated certain cost categories viz.

> ➢ Personal costs
>
> ➢ Computer usage
>
> ➢ Supply and equipment's costs
>
> ➢ Cost of any new computer equipment's and software.

3.3 TECHNICAL FEASIBILITY:

Technical feasibility determines whether the work for the project can be done with the existing equipment, software technology and available personnel. Technical feasibility is concerned with specifying equipment and software that will satisfy the user requirement.

This project is feasible on technical remarks also, as the proposed system is more beneficiary in terms of having a sound proof system with new technical components installed on the system. The proposed system can run on any machines supporting Windows and Internet services and works on the best software and hardware that had been used while designing the system so it would be feasible in all technical terms of feasibility.

3.4 OPERATIONAL FEASIBILITY:

Operational feasibility deals with the runtime performance of the S/W the proposed system must score higher than the present in the behavioral study. The S/W should have end user in mind when the system is designed while designing s/w the programmer should be aware of the conditions user's Knowledge input, output, calculations etc.

The s/w contains only a minimum no. of bugs. Care should be also taken to avoid non-working means &t buttons.

Software Requirement & Specification

User interface: The application that will be developing will have a user friendly and menu based interface

Following screens will be provided: A login screen for entering the username and passwords, so that the authorized user can have an access without any problems. There will be a screen which will be displaying the major tasks that the system will be performing e.g. add details, delete, view details of the students. All the major tasks mentioned above will have their separate forms and will perform the desired actions.

Hardware Interface:

Intel Pentium 4 or higher processor
1.5Ghz 512MB of RAM or More III.   Software Interface:

Operating system: Window XP,Vista,7,8,8.1 and higher

Platform: .NET

Database: SQL server

Language: PHP)

Communication Interface:

The communication between the different parts of the system is important they depend on each other.

Memory Constraints:

At least 512MB RAM and 4GB of the Hard disk space will be required for running the application.

SOFTWARE TOOLS USED

The whole Project is divided in two parts the front end and the back end.

➢ **Front end :-**

 The front end is designed using of html , Php ,css, Java script.

➢ **HTML**- **HTML** or **Hyper Text Markup Language** is the main markup language for creating web pages and other information that can be displayed in a web browser.HTML is written in the form of HTML elements consisting of *tags* enclosed in angle brackets (like <html>), within the web page content. HTML tags most commonly come in pairs like <h1> and </h1>, although some tags represent *empty elements* and so are unpaired, for example <img>. The first tag in a pair is the *start tag*, and the second tag is the *end tag* (they are also called *opening tags* and *closing tags*). In between these tags web designers can add text, further tags, comments and other types of text-based content. The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page.HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. It can embed scripts written in languages such as JavaScript which affect the behavior of HTML web pages.

➢ **CSS**- **Cascading Style Sheets** (**CSS**) is a style sheet language used for describing the look and formatting of a document written in a markup language. While most often used to style web pages and interfaces written

in HTML and XHTML, the language can be applied to any kind of XML document, including plain XML, SVG and XUL. CSS is a cornerstone specification of the web and almost all web pages use CSS style sheets to describe their presentation.CSS is designed primarily to enable the separation of document content from document presentation, including elements such as the layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification

of presentation characteristics, enable multiple pages to share formatting, and reduce complexity and repetition in the structural content (such as by allowing for table less web design).CSS can also allow the same markup page to be presented in different styles for different rendering methods, such as on-screen, in print, by voice (when read out by a speech-based browser or screen reader) and on Braille-based, tactile devices. It can also be used to allow the web page to display differently depending on the screen size or device on which it is being viewed. While the author of a document typically links that document to a CSS file, readers can use a different style sheet, perhaps one on their own computer, to override the one the author has specified. However if the author or the reader did not link the document to a specific style sheet the default style of the browser will be applied.CSS specifies a priority scheme to determine which style rules apply if more than one rule matches against a particular element. In this so-called *cascade*, priorities or *weights* are calculated and assigned to rules, so that the results are predictable.

➢ **JAVA SCRIPT**- **JavaScript** (**JS**) is a dynamic computer programming language. It is most commonly used as part of web browsers, whose implementations allow client-side scripts to interact with the user, control the browser, communicate asynchronously, and alter the document content that is displayed. It is also being used in server-side programming, game development and the creation of desktop and mobile applications. JavaScript is a prototype-based scripting language with dynamic typing and

has first class functions. Its syntax was influenced by C. JavaScript copies many names and naming conventions from Java, but the two languages are otherwise unrelated and have very different semantics. The key design principles within JavaScript are taken from the Self and Scheme programming languages. It is a multiparadigm language, supporting object-oriented, imperative, and functional programming styles. The application of JavaScript to use outside of web pages—for example, in PDF documents, site-specific browsers, and desktop widgets—is also significant. Newer and faster JavaScript VMs and platforms built upon them (notably Node.js) have also increased the popularity of JavaScript for server-side web applications. On the client side, JavaScript was traditionally implemented as an interpreted language but just-in-time compilation is now performed by recent (post-2012) browsers.

➢ **PHP**-**PHP** is a server-side scripting language designed for web development but also used as a general-purpose programming language. PHP is now installed on more than 244 million websites and 2.1 million web servers. Originally created by Rasmus Lerdorf in 1995, the reference implementationof PHP is now produced by The PHP Group. While PHP originally stood for *Personal Home Page*, it now stands for *PHP: Hypertext Preprocessor*, a recursive backronym.PHP code is interpreted by a web server with a PHP processor module, which generates the resulting web page: PHP commands can be embedded directly into an HTML source document rather than calling an external file to process data. It has also evolved to include a command-line interface capability and can be used in standalone graphical applications.PHP is free software released under the PHP License. PHP can be deployed on most web servers and also as a standalone shell on almost every operating system and platform, free of charge.

> **BACK END**- The back end is designed using MySQL which is used to design the databases

Ø**MYSQL**- **MySQL** ("My S-Q-L", officially, but also called "My Sequel") is (as of July 2013) the world's second most widely used open-source relational database management system (RDBMS). It is named after co-founder Michael Widenius daughter, My. The SQL phrase stands for Structured Query Language. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety
of proprietary agreements. MySQL was owned and sponsored by a single for profit firm, the Swedish company MySQL AB, now owned by Oracle Corporation .MySQL is a popular choice of database for use in web applications, and is a central component of the widely used LAMP open source web application software stack (and other 'AMP' stacks). LAMP is an acronym for "Linux, Apache, MySQL, Perl/PHP/Python." Free-software-open source projects that require a full-featured database management system often use MySQL. For commercial use, several paid editions are available, and offer additional functionality. Applications which use MySQL databases.

SYSTEM DESIGN

System Design is the solution to the creation of a new system. This is the important aspect made up of several steps. The complete, efficient and successful system should provide the following in succession: -

* From where should we start
* Where we have to go
* Where should we stop

If the project is to be successful, we will need answer these question. The answer of these questions is schema manner and is known as system design.

A systematic manner will be followed so as to achieve beneficial result at the end. It involves starting with a vague idea and ultimately developing it up into a useful system. The design phase is transition from a user oriented to a document oriented to the programmers.
Software report can be broken into a series of steps starting with the basic ideas and ending with the finished project.

The steps for the successful project are as follows: -

   We should define problem completely and the goals should be known before our destination.

   In the next step, we should specify inputs and outputs of our interest
  Then the structure of various database should be designed which will be used during the programming

   Next, we should design our programs of user friendly nature and always provide a way to the user to read back the origin if he/she find any complex problem at any stage.

We should know the function of each and every program which will leads us to or helps us to read at the specified goal.

Then we write these individual programs which later on joining solve our problem

Next step involve then testing of these programs and correction – if necessary

At last, linking all the programs in a well-specified manner and combining in the form of a menu, submenu etc. will be our defined problem.
Out of these defined steps, few of the major steps will respect to Project –

"College Management System"
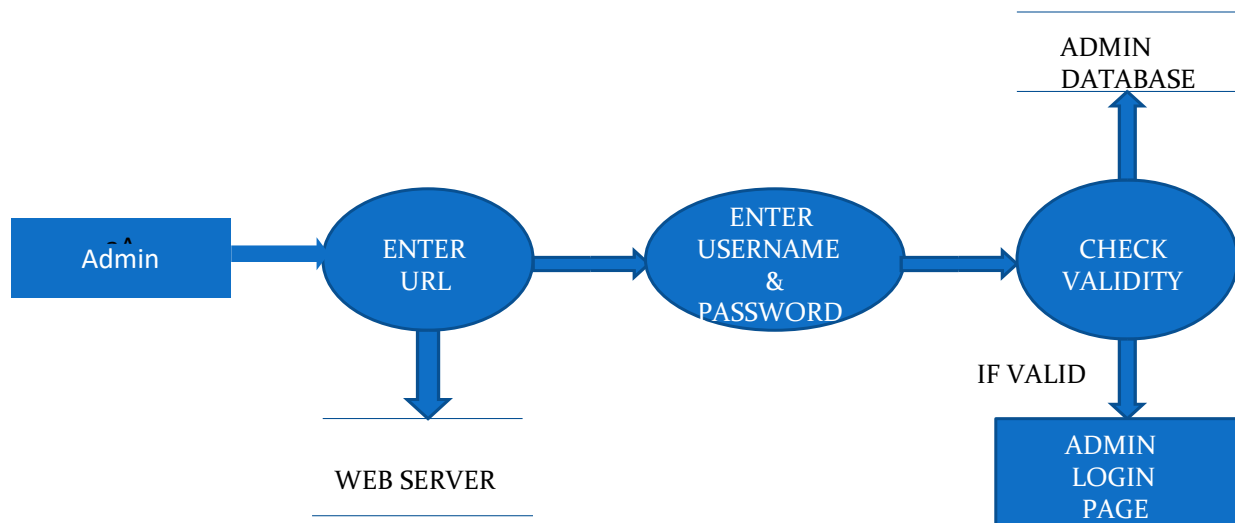
Figure (3.9.1): SDLC

To solve an actual problems in an industry, software developer or a team of developers must integrate with a development strategy that include the process, methods and tools layer and generic phases. This strategy is often referred to a process model or a software developing paradigm. Our project follows the waterfall model.

Waterfall Model (steps):

- Requirement Definition
- System and Software Design
- Implementation
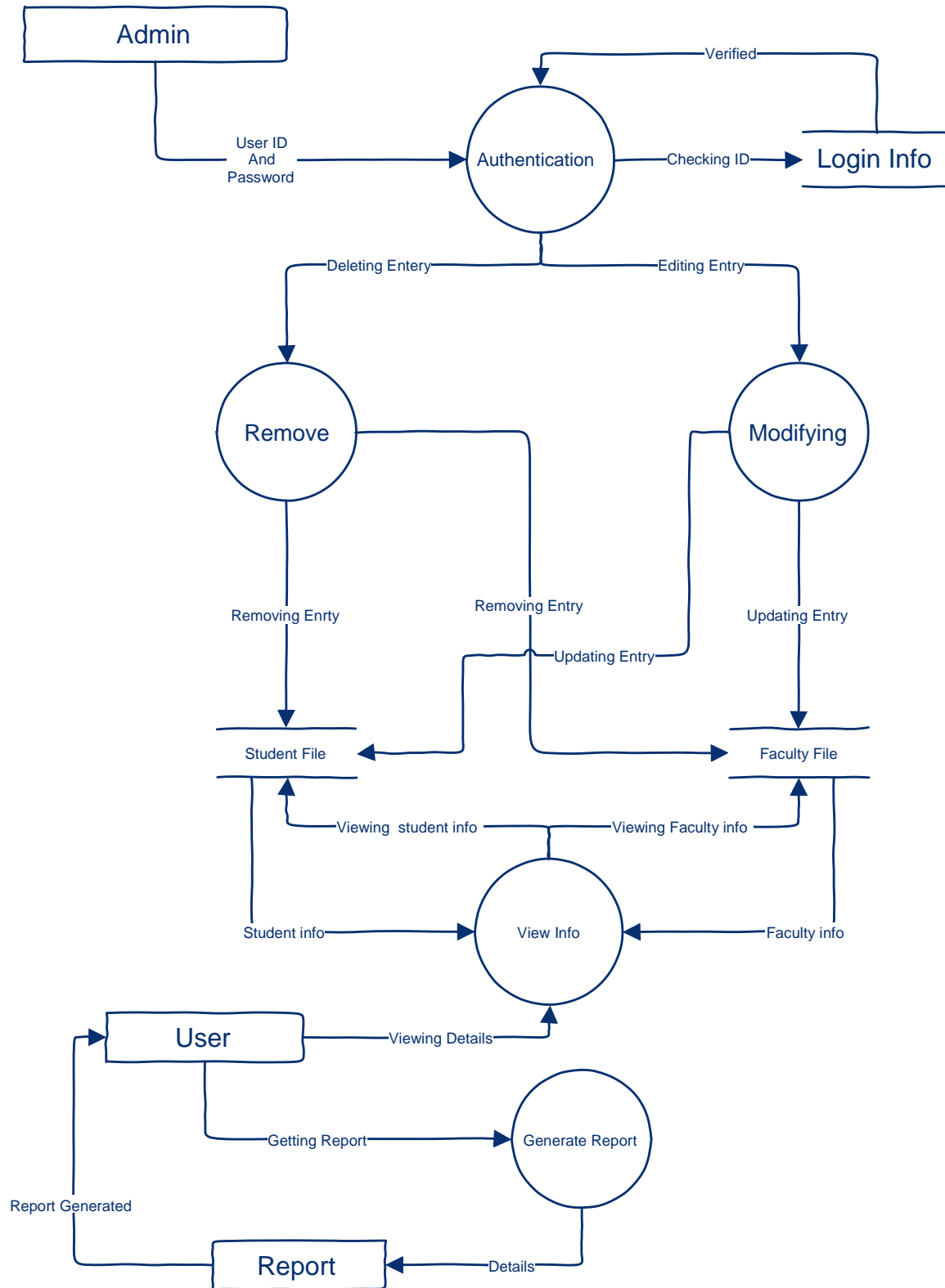- Integration and System Testing
- Operation and Maintenance

Data Flow Diagram For Admin Login Level 0 :

Admin → ENTER URL → ENTER USERNAME & PASSWORD → CHECK VALIDITY

ENTER URL → WEB SERVER

CHECK VALIDITY → ADMIN DATABASE

CHECK VALIDITY → IF VALID → ADMIN LOGIN PAGE

After entering to the home page of the Software , admin can choose the ADMIN LOGIN option where they are asked to enter username & password, and if he/she is a valid user then a admin login page will be displayed.

Data Flow Diagram Level 1:

Admin

Verified

User ID And Password

Authentication

Checking ID

Login Info

Deleting Entery

Editing Entry

Remove

Modifying

Removing Enrty

Removing Entry

Updating Entry

Updating Entry

Student File

Faculty File

Viewing student info

Viewing Faculty info

Student info

View Info

Faculty info

User

Viewing Details

Getting Report

Generate Report

Report Generated

Report

Details

CODING

Index.php :

```php
<?php
    error_reporting(E_ERROR | E_WARNING | E_PARSE);
    $currDir = dirname(__FILE__);
    include("{$currDir}/defaultLang.php");
    include("{$currDir}/language.php");
    include("{$currDir}/lib.php");


    $x = new DataList;
    $x->TableTitle = $Translation['homepage'];
    $tablesPerRow = 2;
    $arrTables = getTableList();


    // according to provided GET parameters, either log out, show login form
    // (possibly with a failed login message), or show homepage
    if(isset($_GET['signOut'])){
        logOutUser();
        redirect("index.php?signIn=1");
    }elseif(isset($_GET['loginFailed']) || isset($_GET['signIn'])){
        if(!headers_sent() && isset($_GET['loginFailed'])) header('HTTP/1.0 403
Forbidden');
        include("{$currDir}/login.php");
    }else{
        include("{$currDir}/header-user.php");
```

```
        }
```

Home.php :

```php
<?php if(!isset($Translation)){ @header('Location: index.php'); exit; } ?>
<?php include_once("{$currDir}/header.php"); ?>
<?php @include("{$currDir}/hooks/links-home.php"); ?>


<?php

        $block_classes = array(
                'first' => array(
                        'grid_column' => 'col-sm-12 col-md-8 col-lg-6',
                        'panel' => 'panel-warning',
                        'link' => 'btn-warning'
                ),
                'other' => array(
                        'grid_column' => 'col-sm-6 col-md-4 col-lg-3',
                        'panel' => 'panel-info',
                        'link' => 'btn-info'
                )
        );
?>


<style>
        .panel-body-description{
                margin-top: 10px;
                height: 100px;
                overflow: auto;
        }
        .panel-body .btn img{
                margin: 0 10px;
                max-height: 32px;
```

```php
        }
</style>



<?php
        /* accessible tables */
        $arrTables = get_tables_info();
        if(is_array($arrTables) && count($arrTables)){
                /* how many table groups do we have? */
                $groups = get_table_groups();
                $multiple_groups = (count($groups) > 1 ? true : false);


                /* construct $tg: table list grouped by table group */
                $tg = array();
                if(count($groups)){
                        foreach($groups as $grp => $tables){
                                foreach($tables as $tn){
                                        $tg[$tn] = $grp;
                                }
                        }
                }


                $i = 0; $current_group = '';
                foreach($tg as $tn => $tgroup){
                        $tc = $arrTables[$tn];
                        /* is the current table filter-first? */
                        $tChkFF = array_search($tn, array());
                        /* hide current table in homepage? */
                        $tChkHL = array_search($tn, array());
                        /* allow homepage 'add new' for current table? */
                        $tChkAHAN = array_search($tn,
array('students','feescollection','branch','teachers','subjects','classes','streams','hostels','t
```

```
imetable','events','notices','examresults','parents','examcategories','sessions','studentcat
egories','classattendance'));

                    /* homepageShowCount for current table? */
                    $count_badge = '';
                    if($tc['homepageShowCount']){
                            $sql_from = get_sql_from($tn);
                            $count_records = ($sql_from ? sqlValue("select count(1)
from " . $sql_from) : 0);
                            $count_badge = '<span class="badge hspacer-lg text-bold">'
. number_format($count_records) . '</span>';
                    }

                    $t_perm = getTablePermissions($tn);
                    $can_insert = $t_perm['insert'];

                    $searchFirst = (($tChkFF !== false && $tChkFF !== null) ?
'?Filter_x=1' : '');
                    ?>
                            <?php if(!$i && !$multiple_groups){ /* no grouping, begin row
*/ ?>

                                    <div class="row table_links">
                            <?php } ?>
                            <?php if($multiple_groups && $current_group != $tgroup){ /*
grouping, begin group & row */ ?>
                                    <?php if($current_group != ''){ /* not first group, so we
should first end previous group */ ?>

                                            </div><!-- /.table_links -->
                                            <div class="row custom_links">
                                                    <?php
                                                            /* custom home links for
current group, as defined in "hooks/links-home.php" */
```

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```php
                                                    echo
get_home_links($homeLinks, $block_classes['other'], $current_group);
                                                    ?>
                                            </div>
                                    </div><!-- /.collapse -->
                            <?php } ?>
                            <?php $current_group = $tgroup; ?>


                            <a class="btn btn-primary btn-block btn-lg collapser
vspacer-lg" data-toggle="collapse" href="#group-<?php echo md5($tgroup); ?>"><?php
echo $tgroup; ?> <i class="glyphicon glyphicon-chevron-right"></i></a>
                            <div class="collapse" id="group-<?php echo
md5($tgroup); ?>">
                                    <div class="row table_links">
                    <?php } ?>


                            <?php if($tChkHL === false || $tChkHL === null){ /* if
table is not set as hidden in homepage */ ?>
                                    <div id="<?php echo $tn; ?>-tile" class="<?php
echo (!$i ? $block_classes['first']['grid_column'] : $block_classes['other']['grid_column']);
?>">
                                            <div class="panel <?php echo (!$i ?
$block_classes['first']['panel'] : $block_classes['other']['panel']); ?>">
                                                    <div class="panel-body">
                                                    <?php if($can_insert &&
$tChkAHAN !== false && $tChkAHAN !== null){ ?>


                                                            <div class="btn-
group" style="width: 100%;">
                                                                    <a style="width:
85%;" class="btn btn-lg <?php echo (!$i ? $block_classes['first']['link'] :
$block_classes['other']['link']); ?>" title="<?php echo preg_replace("/&amp;(#[0-9]+|[a-
z]+);/i", "&$1;", html_attr(strip_tags($tc['Description']))); ?>" href="<?php echo $tn;
?>_view.php<?php echo $searchFirst; ?>"><?php echo ($tc['tableIcon'] ? '<img src="' .
$tc['tableIcon'] . '">' : '');?><strong><?php echo $tc['Caption']; ?></strong><?php echo
$count_badge; ?></a>
                                                                    <a id="<?php
echo $tn; ?>_add_new" style="width: 15%;" class="btn btn-add-new btn-lg <?php echo
```

```
(!$i ? $block_classes['first']['link'] : $block_classes['other']['link']); ?>" title="<?php echo
html_attr($Translation['Add New']); ?>" href="<?php echo $tn;
?>_view.php?addNew_x=1"><i style="vertical-align: bottom;" class="glyphicon
glyphicon-plus"></i></a>

                                                                </div>
                                                        <?php }else{ ?>


                                                                <a class="btn btn-
block btn-lg <?php echo (!$i ? $block_classes['first']['link'] :
$block_classes['other']['link']); ?>" title="<?php echo preg_replace("/&amp;(#[0-9]+|[a-
z]+);/i", "&$1;", html_attr(strip_tags($tc['Description']))); ?>" href="<?php echo $tn;
?>_view.php<?php echo $searchFirst; ?>"><?php echo ($tc['tableIcon'] ? '<img src="' .
$tc['tableIcon'] . '">' : '');?><strong><?php echo $tc['Caption']; ?></strong><?php echo
$count_badge; ?></a>

                                                        <?php } ?>


                                                        <div class="panel-body-
description"><?php echo $tc['Description']; ?></div>
                                                </div>
                                        </div>
                                </div>
                        <?php } ?>
                        <?php if($i == (count($arrTables) - 1) && !$multiple_groups){
/* no grouping, end row */ ?>


                </div> <!-- /.table_links -->


                <div class="row custom_links" id="custom_links">
                        <?php
                                /* custom home links, as defined in
"hooks/links-home.php" */

                                echo get_home_links($homeLinks,
$block_classes['other'], '*');
                        ?>
                </div>
```

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```php
                    <?php } ?>
                    <?php if($i == (count($arrTables) - 1) && $multiple_groups){
/* grouping, end last group & row */ ?>


                                        </div> <!-- /.table_links -->
                                        <div class="row custom_links"
id="custom_links">

                                            <?php
                                                /* custom home links for
last table group, as defined in "hooks/links-home.php" */
                                                echo
get_home_links($homeLinks, $block_classes['other'], $tgroup);


                                                /* custom home links
having no table groups, as defined in "hooks/links-home.php" */
                                                echo
get_home_links($homeLinks, $block_classes['other']);
                                            ?>
                                        </div>
                                    </div><!-- /.collapse -->
                    <?php } ?>
                <?php
                $i++;
            }
        }else{
            ?><script>window.location='index.php?signIn=1';</script><?php
        }
?>


<script>
    $j(function(){
        var table_descriptions_exist = false;
        $j('div[id$="-tile"] .panel-body-description').each(function(){
            if($j.trim($j(this).html()).length) table_descriptions_exist = true;
```

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```javascript
            });

            if(!table_descriptions_exist){
                    $j('div[id$="-tile"] .panel-body-description').css({height: 'auto'});
            }

            $j('.panel-body .btn').height(32);

            $j('.btn-add-new').click(function(){
                    var tn = $j(this).attr('id').replace(/_add_new$/, '');
                    modal_window({
                            url: tn + '_view.php?addNew_x=1&Embedded=1',
                            size: 'full',
                            title: $j(this).prev().text() + ": <?php echo
html_attr($Translation['Add New']); ?>"
                    });
                    return false;
            });

            /* adjust arrow directions on opening/closing groups, and initially open first
group */
            $j('.collapser').click(function(){
                    $j(this).children('.glyphicon').toggleClass('glyphicon-chevron-right
glyphicon-chevron-down');
            });

            /* hide empty table groups */
            $j('.collapser').each(function(){
                    var target = $j(this).attr('href');
                    if(!$j(target + " .row div").length) $j(this).hide();
            });
            $j('.collapser:visible').eq(0).click();
    });
```

```
</script>

<?php include_once("$currDir/footer.php"); ?>
```

Login.php :

```php
<?php if(!isset($Translation)){ @header('Location: index.php?signIn=1'); exit; } ?>
<?php include_once("$currDir/header.php"); ?>

<?php if($_GET['loginFailed']){ ?>
    <div class="alert alert-danger"><?php echo $Translation['login failed']; ?></div>
<?php } ?>

<div class="row">
    <div class="col-sm-6 col-lg-8" id="login_splash">
        <!-- customized splash content here -->
    </div>
    <div class="col-sm-6 col-lg-4">
        <div class="panel panel-success">

            <div class="panel-heading">
                <h1 class="panel-title"><strong><?php echo
$Translation['sign in here']; ?></strong></h1>
                <?php if(sqlValue("select count(1) from membership_groups
where allowSignup=1")){ ?>
                    <a class="btn btn-success pull-right"
href="membership_signup.php"><?php echo $Translation['sign up']; ?></a>
                <?php } ?>
                <div class="clearfix"></div>
            </div>

            <div class="panel-body">
```

```php
<form method="post" action="index.php">
    <div class="form-group">
        <label class="control-label"
for="username"><?php echo $Translation['username']; ?></label>
        <input class="form-control" name="username"
id="username" type="text" placeholder="<?php echo $Translation['username']; ?>"
required>
    </div>
    <div class="form-group">
        <label class="control-label"
for="password"><?php echo $Translation['password']; ?></label>
        <input class="form-control" name="password"
id="password" type="password" placeholder="<?php echo $Translation['password']; ?>"
required>
        <span class="help-block"><?php echo
$Translation['forgot password']; ?></span>
    </div>
    <div class="checkbox">
        <label class="control-label"
for="rememberMe">
            <input type="checkbox"
name="rememberMe" id="rememberMe" value="1">
            <?php echo $Translation['remember
me']; ?>
        </label>
    </div>

    <div class="row">
        <div class="col-sm-offset-3 col-sm-6">
            <button name="signIn" type="submit"
id="submit" value="signIn" class="btn btn-primary btn-lg btn-block"><?php echo
$Translation['sign in']; ?></button>
        </div>
    </div>
</form>
</div>
```

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```php
                    <?php if(is_array(getTableList()) && count(getTableList())){ /* if
anon. users can see any tables ... */ ?>
                        <div class="panel-footer">
                            <?php echo $Translation['browse as guest']; ?>
                        </div>
                    <?php } ?>


            </div>
        </div>
</div>


<script>document.getElementById('username').focus();</script>
<?php include_once("$currDir/footer.php"); ?>
```

Main :

```html
<div class="content">
        <div class="container-fluid">
          <?php include("libs/alerts.php"); ?>
          <div class="row"><!--row begins-->
              <div class="col-lg-3 col-sm-6">
                  <div class="card">
                      <div class="content">
                          <div class="row">
                              <div class="col-xs-5">
                                  <div class="icon-big icon-warning text-center">
                                      <i class="ti-user"></i>
                                  </div>
                              </div>
                              <div class="col-xs-7">
                                  <div class="numbers">
```

```
                    <p><strong>Students</strong></p>
                    <?php countrecords("students"); ?>
                </div>
            </div>
        </div>
        <a href="students_view.php">
            <div class="footer">
            <hr />
            <div class="stats">
                <i class="ti-arrow-right"></i>View
            </div>
            </div>
        </a>
        </div>
    </div>
</div>
<div class="col-lg-3 col-sm-6">
    <div class="card">
        <div class="content">
            <div class="row">
                <div class="col-xs-5">
                    <div class="icon-big icon-success text-center">
                        <i class="ti-wallet"></i>
                    </div>
                </div>
                <div class="col-xs-7">
                    <div class="numbers">
                        <p> <strong>FeesCollection</strong></p>
                        <?php countrecords("feescollection"); ?>
                    </div>
                </div>
            </div>
            <a href="feescollection_view.php">
```

```html
            <div class="footer">
            <hr />
            <div class="stats">
                <i class="ti-arrow-right"></i>View
            </div>
          </div>
       </a>
       </div>
    </div>
</div>
<div class="col-lg-3 col-sm-6">
    <div class="card">
       <div class="content">
          <div class="row">
             <div class="col-xs-5">
                <div class="icon-big icon-danger text-center">
                   <i class="ti-credit-card"></i>
                </div>
             </div>
             <div class="col-xs-7">
                <div class="numbers">
                   <p> <strong>Banks</strong></p>
                   <?php countrecords("branch"); ?>
                </div>
             </div>
          </div>
          <a href="branch_view.php">
             <div class="footer">
             <hr />
             <div class="stats">
                <i class="ti-arrow-right"></i>View
             </div>
          </div>
```

```html
        </a>
        </div>
      </div>
    </div>
    <div class="col-lg-3 col-sm-6">
      <div class="card">
        <div class="content">
          <div class="row">
            <div class="col-xs-5">
              <div class="icon-big icon-info text-center">
                <i class="ti-id-badge"></i>
              </div>
            </div>
            <div class="col-xs-7">
              <div class="numbers">
                <p><strong>Teachers</strong></p>
                <?php countrecords("teachers"); ?>
              </div>
            </div>
          </div>
          <a href="teachers_view.php">
            <div class="footer">
            <hr />
            <div class="stats">
              <i class="ti-arrow-right"></i>View
            </div>
            </div>
          </a>
        </div>
      </div>
    </div>
</div><!--row ends-->
<!--row begins-->
```

```html
<div class="row">
<div class="col-lg-3 col-sm-6">
   <div class="card">
      <div class="content">
         <div class="row">
            <div class="col-xs-5">
               <div class="icon-big icon-warning text-center">
                  <i class="ti-harddrives"></i>
               </div>
            </div>
            <div class="col-xs-7">
               <div class="numbers">
                  <p><strong>Subjects</strong></p>
                  <?php countrecords("subjects"); ?>
               </div>
            </div>
         </div>
         <a href="subjects_view.php">
            <div class="footer">
            <hr />
            <div class="stats">
               <i class="ti-arrow-right"></i>View
            </div>
            </div>
         </a>
         </div>
   </div>
</div>
<div class="col-lg-3 col-sm-6">
   <div class="card">
      <div class="content">
         <div class="row">
            <div class="col-xs-5">
```

```html
            <div class="icon-big icon-success text-center">
               <i class="ti-crown"></i>
            </div>
         </div>
         <div class="col-xs-7">
            <div class="numbers">
               <p><strong>Classes</strong></p>
               <?php countrecords("classes"); ?>
            </div>
         </div>
      </div>
      <a href="classes_view.php">
         <div class="footer">
         <hr />
         <div class="stats">
            <i class="ti-arrow-right"></i>View
         </div>
         </div>
      </a>
      </div>
   </div>
</div>
<div class="col-lg-3 col-sm-6">
   <div class="card">
      <div class="content">
         <div class="row">
            <div class="col-xs-5">
               <div class="icon-big icon-danger text-center">
                  <i class="ti-blackboard"></i>
               </div>
            </div>
            <div class="col-xs-7">
               <div class="numbers">
```

```html
            <p><strong>Streams</strong></p>
            <?php countrecords("streams"); ?>
          </div>
        </div>
      </div>
      <a href="streams_view.php">
        <div class="footer">
        <hr />
        <div class="stats">
          <i class="ti-arrow-right"></i>View
        </div>
      </div>
    </a>
    </div>
  </div>
</div>
<div class="col-lg-3 col-sm-6">
  <div class="card">
    <div class="content">
      <div class="row">
        <div class="col-xs-5">
          <div class="icon-big icon-info text-center">
            <i class="ti-home"></i>
          </div>
        </div>
        <div class="col-xs-7">
          <div class="numbers">
            <p><strong>Hostels</strong></p>
            <?php countrecords("hostels"); ?>
          </div>
        </div>
      </div>
      <a href="hostels_view.php">
```

```html
            <div class="footer">
            <hr />
            <div class="stats">
                <i class="ti-arrow-right"></i>View
            </div>
          </div>
        </a>
        </div>
      </div>
    </div><!--row ends-->
</div>
<!--row begins-->
    <div class="row">
    <div class="col-lg-3 col-sm-6">
      <div class="card">
        <div class="content">
          <div class="row">
            <div class="col-xs-5">
                <div class="icon-big icon-warning text-center">
                    <i class="ti-layers-alt"></i>
                </div>
            </div>
            <div class="col-xs-7">
              <div class="numbers">
                <p><strong>Timetables</strong></p>
                <?php countrecords("timetable"); ?>
              </div>
            </div>
          </div>
          <a href="timetable_view.php">
            <div class="footer">
            <hr />
            <div class="stats">
```

```html
              <i class="ti-arrow-right"></i>View
            </div>
          </div>
        </a>
      </div>
    </div>
  </div>
  <div class="col-lg-3 col-sm-6">
    <div class="card">
      <div class="content">
        <div class="row">
          <div class="col-xs-5">
            <div class="icon-big icon-success text-center">
              <i class="ti-flag-alt"></i>
            </div>
          </div>
          <div class="col-xs-7">
            <div class="numbers">
              <p><strong>Events</strong></p>
              <?php countrecords("events"); ?>
            </div>
          </div>
        </div>
        <a href="events_view.php">
          <div class="footer">
          <hr />
          <div class="stats">
            <i class="ti-arrow-right"></i>View
          </div>
          </div>
        </a>
      </div>
    </div>
```

```html
        </div>
        <div class="col-lg-3 col-sm-6">
          <div class="card">
            <div class="content">
              <div class="row">
                <div class="col-xs-5">
                  <div class="icon-big icon-danger text-center">
                    <i class="ti-announcement"></i>
                  </div>
                </div>
                <div class="col-xs-7">
                  <div class="numbers">
                    <p><strong>Notices</strong></p>
                    <?php countrecords("notices"); ?>
                  </div>
                </div>
              </div>
              <a href="notices_view.php">
                <div class="footer">
                <hr />
                <div class="stats">
                  <i class="ti-arrow-right"></i>View
                </div>
                </div>
              </a>
            </div>
          </div>
        </div>
        <div class="col-lg-3 col-sm-6">
          <div class="card">
            <div class="content">
              <div class="row">
                <div class="col-xs-5">
```

```html
                        <div class="icon-big icon-primary text-center">
                            <i class="ti-cup"></i>
                        </div>
                    </div>
                    <div class="col-xs-7">
                        <div class="numbers">
                            <p><strong>Exam Results</strong></p>
                            <?php countrecords("examresults"); ?>
                        </div>
                    </div>
                </div>
                <a href="examresults_view.php">
                    <div class="footer">
                    <hr />
                    <div class="stats">
                        <i class="ti-arrow-right"></i>View
                    </div>
                    </div>
                </a>
                </div>
            </div>
        </div><!--row ends-->
</div>
<!--row begins-->
    <div class="row">
    <div class="col-md-12">
        <div class="card">
            <div class="header">
                <h4 class="title">Recent Fee Collection</h4>
                <p class="category">Fees collection by date</p>
            </div>
            <div class="content table-responsive table-full-width">
                <table class="table table-striped">
```

```html
            <thead>
               <th>ID</th>
               <th>Name</th>
               <th>Amount</th>
               <th>Balance</th>
            </thead>
            <tbody>
               <?php getrecentfees("feescollection"); ?>

            </tbody>
         </table>
      </div>
      </div>
   </div><!--row ends-->
</div>
<!--row begins-->
<div class="row">
<div class="col-lg-3 col-sm-6">
   <div class="card">
      <div class="content">
         <div class="row">
            <div class="col-xs-5">
               <div class="icon-big icon-warning text-center">
                  <i class="ti-user"></i>
               </div>
            </div>
            <div class="col-xs-7">
               <div class="numbers">
                  <p><strong>Parents</strong></p>
                  <?php countrecords("parents"); ?>
               </div>
            </div>
         </div>
```

```html
          <a href="parents_view.php">
            <div class="footer">
            <hr />
            <div class="stats">
               <i class="ti-arrow-right"></i>View
            </div>
          </div>
      </a>
      </div>
   </div>
</div>
<div class="col-lg-3 col-sm-6">
   <div class="card">
      <div class="content">
         <div class="row">
            <div class="col-xs-5">
               <div class="icon-big icon-success text-center">
                  <i class="ti-tag"></i>
               </div>
            </div>
            <div class="col-xs-7">
               <div class="numbers">
                  <p><strong>Exams</strong></p>
                  <?php countrecords("examcategories"); ?>
               </div>
            </div>
         </div>
         <a href="examcategories_view.php">
            <div class="footer">
            <hr />
            <div class="stats">
               <i class="ti-arrow-right"></i>View
            </div>
```

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```html
          </div>
        </a>
      </div>
    </div>
</div>
<div class="col-lg-3 col-sm-6">
  <div class="card">
    <div class="content">
      <div class="row">
        <div class="col-xs-5">
          <div class="icon-big icon-danger text-center">
            <i class="ti-key"></i>
          </div>
        </div>
        <div class="col-xs-7">
          <div class="numbers">
            <p><strong>Sessions</strong></p>
            <?php countrecords("sessions"); ?>
          </div>
        </div>
      </div>
      <a href="sessions_view.php">
        <div class="footer">
        <hr />
        <div class="stats">
          <i class="ti-arrow-right"></i>View
        </div>
        </div>
      </a>
    </div>
  </div>
</div>
<div class="col-lg-3 col-sm-6">
```

```html
<div class="card">
  <div class="content">
    <div class="row">
      <div class="col-xs-5">
        <div class="icon-big icon-info text-center">
          <i class="ti-bar-chart-alt"></i>
        </div>
      </div>
      <div class="col-xs-7">
        <div class="numbers">
          <p><strong>Attendance</strong></p>
          <?php countrecords("classattendance"); ?>
        </div>
      </div>
    </div>
    <a href="classattendance_view.php">
      <div class="footer">
      <hr />
      <div class="stats">
        <i class="ti-arrow-right"></i>View
      </div>
      </div>
    </a>
  </div>
</div>
</div><!--row ends-->
</div>
<!--row begins-->
  <div class="row">
  <div class="col-lg-3 col-sm-6">
    <div class="card">
      <div class="content">
        <div class="row">
```

```html
                <div class="col-xs-5">
                   <div class="icon-big icon-danger text-center">
                      <i class="ti-write"></i>
                   </div>
                </div>
                <div class="col-xs-7">
                   <div class="numbers">
                      <p><strong>FeesStructure</strong></p>
                      <?php countrecords("schoolmoney"); ?>
                   </div>
                </div>
             </div>
             <a href="schoolmoney_view.php">
                <div class="footer">
                <hr />
                <div class="stats">
                   <i class="ti-arrow-right"></i>View
                </div>
             </div>
          </a>
          </div>
       </div>
</div>
<div class="col-lg-3 col-sm-6">
   <div class="card">
      <div class="content">
         <div class="row">
            <div class="col-xs-5">
               <div class="icon-big icon-info text-center">
                  <i class="ti-stats-up"></i>
               </div>
            </div>
            <div class="col-xs-7">
```

```html
                    <div class="numbers">
                        <p><strong>StudentTypes</strong></p>
                        <?php countrecords("studentcategories"); ?>
                    </div>
                  </div>
                </div>
                <a href="studentcategories_view.php">
                  <div class="footer">
                  <hr />
                  <div class="stats">
                      <i class="ti-arrow-right"></i>View
                  </div>
                  </div>
                </a>
                </div>
              </div>
            </div><!--row ends-->
          </div>
          <div style="padding:0px; margin:0px; background-color:#fff;font-
family:arial,helvetica,sans-serif,verdana,'Open Sans'">
              <?php include("slides.php"); ?>
          </div>
<!--cards and widgets above here-->
      <footer class="footer">
        <div class="container-fluid">
          <nav class="pull-left">
            <ul>

              <li>
                <a href="#">
                  <strong>School</strong>
                </a>
              </li>
```

```html
                <li>
                  <a href="#">
                    <strong>Management</strong>
                  </a>
                </li>
                <li>
                  <a href="#">
                      <strong>System</strong>
                  </a>
                </li>
                <li>
                  <a href="#">
                      <strong>Admin</strong>
                  </a>
                </li>
              </ul>
          </nav>
          <div class="copyright pull-right">
              &copy; <script>document.write(new Date().getFullYear())</script>,Brought
 <i class="ti-heart heart"></i>  To You By <a href="http://code-
projects.org/">Code-Projects</a>
          </div>
        </div>
      </footer>


  </div>
</div>



</body>

  <!--   Core JS Files   -->
  <script src="assets/js/jquery-1.10.2.js" type="text/javascript"></script>
```

```html
<script src="assets/js/bootstrap.min.js" type="text/javascript"></script>

<!--  Checkbox, Radio & Switch Plugins -->
<script src="assets/js/bootstrap-checkbox-radio.js"></script>

<!--  Charts Plugin -->
<script src="assets/js/chartist.min.js"></script>

<!--  Notifications Plugin    -->
<script src="assets/js/bootstrap-notify.js"></script>

<!--  Google Maps Plugin    -->
<script type="text/javascript"
src="https://maps.googleapis.com/maps/api/js"></script>

<!-- Paper Dashboard Core javascript and methods for Demo purpose -->
<script src="assets/js/paper-dashboard.js"></script>

<!-- Paper Dashboard DEMO methods, don't include it in your project! -->
<script src="assets/js/demo.js"></script>

<script type="text/javascript">
$(document).ready(function(){

demo.initChartist();

$.notify({
        icon: 'ti-gift',
        message: "Welcome to <b> School Management System admin</b> - a
beautiful system for managing your school."

    },{
       type: 'success',
```

```
        timer: 3000
    });


    });
    </script>


</html>
```

Attendence Auto fill :

```php
<?php
// This script and data application were generated by AppGini 5.70
// Download AppGini for free from https://bigprof.com/appgini/download/

    $currDir=dirname(__FILE__);
    include("$currDir/defaultLang.php");
    include("$currDir/language.php");
    include("$currDir/lib.php");

    handle_maintenance();

    header('Content-type: text/javascript; charset=' . datalist_db_encoding);

    $table_perms = getTablePermissions('classattendance');
    if(!$table_perms[0]){ die('// Access denied!'); }

    $mfk=$_GET['mfk'];
    $id=makeSafe($_GET['id']);
    $rnd1=intval($_GET['rnd1']); if(!$rnd1) $rnd1='';

    if(!$mfk){
            die('// No js code available!');
    }
```

```php
switch($mfk){

        case 'Student':
                if(!$id){
                        ?>
                        $('RegNo<?php echo $rnd1; ?>').innerHTML=' ';
                        $('Class<?php echo $rnd1; ?>').innerHTML=' ';
                        $('Stream<?php echo $rnd1; ?>').innerHTML=' ';
                        <?php
                        break;
                }
                $res = sql("SELECT `students`.`id` as 'id', `students`.`FullName` as
'FullName', `students`.`Gender` as 'Gender',
if(`students`.`DOB`,date_format(`students`.`DOB`,'%m/%d/%Y'),'') as 'DOB',
`students`.`Photo` as 'Photo', `students`.`RegNo` as 'RegNo', IF(
CHAR_LENGTH(`classes1`.`Name`), CONCAT_WS('', `classes1`.`Name`), '') as
'Class', IF(   CHAR_LENGTH(`streams1`.`Name`), CONCAT_WS('',
`streams1`.`Name`), '') as 'Stream', IF(   CHAR_LENGTH(`hostels1`.`Name`),
CONCAT_WS('', `hostels1`.`Name`), '') as 'Hostel',
if(`students`.`DOJ`,date_format(`students`.`DOJ`,'%m/%d/%Y'),'') as 'DOJ', IF(
CHAR_LENGTH(`studentcategories1`.`Name`), CONCAT_WS('',
`studentcategories1`.`Name`), '') as 'Category', IF(
CHAR_LENGTH(`sessions1`.`Year`) || CHAR_LENGTH(`sessions1`.`Term`),
CONCAT_WS('', `sessions1`.`Year`, ' :Term ', `sessions1`.`Term`), '') as
'AcademicYear', IF(   CHAR_LENGTH(`schoolmoney1`.`Total`), CONCAT_WS('',
`schoolmoney1`.`Total`), '') as 'TotalFees', `students`.`AdvanceFees` as 'AdvanceFees',
`students`.`Balance` as 'Balance', IF(   CHAR_LENGTH(`parents1`.`Name`) ||
CHAR_LENGTH(`parents1`.`Phone`), CONCAT_WS('', `parents1`.`Name`, ' :Phone: ',
`parents1`.`Phone`), '') as 'Parent' FROM `students` LEFT JOIN `classes` as classes1
ON `classes1`.`id`=`students`.`Class` LEFT JOIN `streams` as streams1 ON
`streams1`.`id`=`students`.`Stream` LEFT JOIN `hostels` as hostels1 ON
`hostels1`.`id`=`students`.`Hostel` LEFT JOIN `studentcategories` as
studentcategories1 ON `studentcategories1`.`id`=`students`.`Category` LEFT JOIN
`sessions` as sessions1 ON `sessions1`.`id`=`students`.`AcademicYear` LEFT JOIN
`schoolmoney` as schoolmoney1 ON `schoolmoney1`.`id`=`students`.`TotalFees` LEFT
JOIN `parents` as parents1 ON `parents1`.`id`=`students`.`Parent`  WHERE
`students`.`id`='$id' limit 1", $eo);
                $row = db_fetch_assoc($res);
                ?>
```

```php
                    $j('#RegNo<?php echo $rnd1; ?>').html('<?php echo
addslashes(str_replace(array("\r", "\n"), '', nl2br($row['RegNo']))); ?> ');
                    $j('#Class<?php echo $rnd1; ?>').html('<?php echo
addslashes(str_replace(array("\r", "\n"), '', nl2br($row['Class']))); ?> ');
                    $j('#Stream<?php echo $rnd1; ?>').html('<?php echo
addslashes(str_replace(array("\r", "\n"), '', nl2br($row['Stream']))); ?> ');
                    <?php
                    break;


    }

?>
```

Admin.php :

```php
<?php
    error_reporting(E_ERROR | E_WARNING | E_PARSE);
    $host  = $_SERVER['HTTP_HOST'];
    $uri   = rtrim(dirname($_SERVER['PHP_SELF']), '/\\');
    $http  = (strtolower($_SERVER['HTTPS']) == 'on' ? 'https:' : 'http:');
    $extra = 'pageHome.php';
    header("Location: $http//$host$uri/$extra");
    exit;
?>
```

Adminhome.php :

```php
<?php
    $currDir = dirname(__FILE__);
    require("{$currDir}/incCommon.php");
    $GLOBALS['page_title'] = $Translation['membership management homepage'];
    include("{$currDir}/incHeader.php");
```

```php
?>

<?php
    if(!sqlValue("select count(1) from membership_groups where allowSignup=1")){
        $noSignup=TRUE;
        ?>
        <div class="alert alert-info">
            <i><?php echo $Translation["attention"]; ?></i>
            <br><?php echo $Translation["visitor sign up"]; ?>
            </div>
        <?php
    }
?>


<?php
    // get the count of records having no owners in each table
    $arrTables=getTableList();

    foreach($arrTables as $tn=>$tc){
        $countOwned=sqlValue("select count(1) from membership_userrecords
where tableName='$tn' and not isnull(groupID)");
        $countAll=sqlValue("select count(1) from `$tn`");

        if($countAll>$countOwned){
            ?>
            <div class="alert alert-info">
                <?php echo $Translation["table data without owner"]; ?>
                </div>
            <?php
            break;
        }
    }
?>
```

```php
<div class="page-header"><h1><?php echo $Translation['membership management
homepage']; ?></h1></div>


<?php if(!$adminConfig['hide_twitter_feed']){ ?>
        <div class="row" id="outer-row"><div class="col-md-8">
<?php } ?>


<div class="row" id="inner-row">


<!-- ################ Maintenance mode #################### -->
<?php
        if(maintenance_mode()){
                $off_classes = 'btn-default locked_inactive';
                $on_classes = 'btn-danger unlocked_active';
        }else{
                $off_classes = 'btn-success locked_active';
                $on_classes = 'btn-default unlocked_inactive';
        }
?>
<div class="col-md-12 text-right vspacer-lg">
        <label><?php echo $Translation['maintenance mode']; ?></label>
        <div class="btn-group" id="toggle_maintenance_mode">
                <button type="button" class="btn <?php echo $off_classes; ?>"><?php
echo $Translation['OFF']; ?></button>
                <button type="button" class="btn <?php echo $on_classes; ?>"><?php
echo $Translation['ON']; ?></button>
        </div>
</div>
<script>
        $j('#toggle_maintenance_mode button').click(function(){
                if($j(this).hasClass('locked_active') ||
$j(this).hasClass('unlocked_inactive')){
```

```php
                    if(confirm('<?php echo html_attr($Translation['enable maintenance
mode?']); ?>')){
                            $j.ajax({
                                    url: 'ajax-maintenance-mode.php?status=on',
                                    complete: function(){
                                            location.reload();
                                    }
                            });
                    }
            }else{
                    if(confirm('<?php echo html_attr($Translation['disable maintenance
mode?']); ?>')){
                            $j.ajax({
                                    url: 'ajax-maintenance-mode.php?status=off',
                                    complete: function(){
                                            location.reload();
                                    }
                            });
                    }
            }
      });
</script>


<!-- ################# Newest Updates ###################### -->
<div class="col-md-6">
<div class="panel panel-info">
      <div class="panel-heading">
            <h3 class="panel-title"><?php echo $Translation["newest updates"]; ?> <a
class="btn btn-default btn-sm"
href="pageViewRecords.php?sort=dateUpdated&sortDir=desc"><i class="glyphicon
glyphicon-chevron-right"></i></a></h3>
      </div>
      <div class="panel-body">
      <table class="table table-striped table-hover">
```

```php
        <?php
            $res=sql("select tableName, pkValue, dateUpdated, recID from
membership_userrecords order by dateUpdated desc limit 5", $eo);
            while($row=db_fetch_row($res)){
                ?>
                <tr>
                    <th style="min-width: 13em;"><?php echo
@date($adminConfig['PHPDateTimeFormat'], $row[2]); ?></th>
                    <td class="remaining-width"><div class="clipped"><a
href="pageEditOwnership.php?recID=<?php echo $row[3]; ?>"><img
src="images/data_icon.gif" border="0" alt="<?php echo $Translation["view record
details"]; ?>" title="<?php echo $Translation["view record details"]; ?>"></a> <?php
echo getCSVData($row[0], $row[1]); ?></div></td>
                </tr>
                <?php
            }
        ?>
        </table>
        </div>
</div>
</div>
<!-- ########################################################### -->



<!-- ################ Newest Entries ######################## -->
<div class="col-md-6">
<div class="panel panel-info">
    <div class="panel-heading">
        <h3 class="panel-title"><?php echo $Translation["newest entries"]; ?> <a
class="btn btn-default btn-sm"
href="pageViewRecords.php?sort=dateAdded&sortDir=desc"><i class="glyphicon
glyphicon-chevron-right"></i></a></h3>
    </div>
    <div class="panel-body">
    <table class="table table-striped table-hover">
```

```php
        <?php
            $res=sql("select tableName, pkValue, dateAdded, recID from
membership_userrecords order by dateAdded desc limit 5", $eo);
            while($row=db_fetch_row($res)){
                ?>
                <tr>
                    <th style="min-width: 13em;"><?php echo
@date($adminConfig['PHPDateTimeFormat'], $row[2]); ?></th>
                    <td class="remaining-width"><div class="clipped"><a
href="pageEditOwnership.php?recID=<?php echo $row[3]; ?>"><img
src="images/data_icon.gif" border="0" alt="<?php echo $Translation["view record
details"]; ?>" title="<?php echo $Translation["view record details"]; ?>"></a> <?php
echo getCSVData($row[0], $row[1]); ?></div></td>
                </tr>
                <?php
            }
        ?>
        </table>
        </div>
</div>
</div>
<!-- ########################################################### -->




<!-- ################ Top Members ####################### -->
<div class="col-md-6">
<div class="panel panel-info">
    <div class="panel-heading">
        <h3 class="panel-title"><?php echo $Translation["top members"]; ?></h3>
    </div>
    <div class="panel-body">
    <table class="table table-striped table-hover">
```

```php
<?php
    $res=sql("select lcase(memberID), count(1) from
membership_userrecords group by memberID order by 2 desc limit 5", $eo);
        while($row=db_fetch_row($res)){
            ?>
            <tr>
                <th class="" style="max-width: 10em;"><a
href="pageEditMember.php?memberID=<?php echo urlencode($row[0]); ?>"
title="<?php echo $Translation["edit member details"]; ?>"><i class="glyphicon
glyphicon-pencil"></i> <?php echo $row[0]; ?></a></th>
                <td class="remaining-width"><a
href="pageViewRecords.php?memberID=<?php echo urlencode($row[0]); ?>"><img
src="images/data_icon.gif" border="0" alt="<?php echo $Translation["view member
records"]; ?>" title="<?php echo $Translation["view member records"]; ?>"></a> <?php
echo $row[1]; ?> <?php echo $Translation["records"]; ?></td>
            </tr>
            <?php
        }
    ?>
    </table>
    </div>
</div>
</div>
<!-- ######################################################### -->



<!-- ################# Members Stats ###################### -->
<div class="col-md-6">
<div class="panel panel-info">
    <div class="panel-heading">
        <h3 class="panel-title"><?php echo $Translation["members stats"];
?></h3>
    </div>
    <div class="panel-body">
    <table class="table table-striped table-hover">
```

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```
<tr>

        <th class=""><?php echo $Translation["total groups"]; ?></th>

        <td class="remaining-width"><a
href="pageViewGroups.php"title="<?php echo $Translation['view groups']; ?>"><i
class="glyphicon glyphicon-search"></i> <?php echo sqlValue("select count(1) from
membership_groups"); ?></a></td>

        </tr>

        <tr>

        <th class=""><?php echo $Translation["active members"]; ?></th>

        <td class="remaining-width"><a
href="pageViewMembers.php?status=2" title="<?php echo $Translation["view active
members"]; ?>"><i class="glyphicon glyphicon-search"></i> <?php echo
sqlValue("select count(1) from membership_users where isApproved=1 and
isBanned=0"); ?></a></td>

        </tr>

        <tr>

        <?php

                $awaiting = intval(sqlValue("select count(1) from
membership_users where isApproved=0"));

        ?>

        <th class="" <?php echo ($awaiting ? "style=\"color: red;\"" : "");
?>><?php echo $Translation["members awaiting approval"]; ?></th>

        <td class="remaining-width"><a
href="pageViewMembers.php?status=1" title="<?php echo $Translation["view members
awaiting approval"]; ?>"><i class="glyphicon glyphicon-search"></i> <?php echo
$awaiting; ?></a></td>

        </tr>

        <tr>

        <th class=""><?php echo $Translation["banned members"]; ?></th>

        <td class="remaining-width"><a
href="pageViewMembers.php?status=3" title="<?php echo $Translation["view banned
members"]; ?>"><i class="glyphicon glyphicon-search"></i> <?php echo
sqlValue("select count(1) from membership_users where isApproved=1 and
isBanned=1"); ?></a></td>

        </tr>

        <tr>

        <th class=""><?php echo $Translation["total members"]; ?></th>
```

```html
                    <td class="remaining-width"><a href="pageViewMembers.php"
title="<?php echo $Translation["view all members"]; ?>"><i class="glyphicon glyphicon-
search"></i> <?php echo sqlValue("select count(1) from membership_users");
?></a></td>
                </tr>
            </table>
        </div>
</div>
</div>
<!-- ###################################################### -->


</div> <!-- /div.row#inner-row -->


<?php if(!$adminConfig['hide_twitter_feed']){ ?>
            </div> <!-- /div.col-md-8 -->


            <div class="col-md-4" id="twitter-feed">
                <h3>
                        <?php echo $Translation["BigProf tweets"]; ?>
                        <span class="pull-right">
                            <a class="twitter-follow-button"
href="https://twitter.com/bigprof" data-show-count="false" data-lang="en"><?php echo
$Translation["follow BigProf"]; ?></a>
                                <script type="text/javascript">
                                    window.twttr = (function (d, s, id) {
                                        var t, js, fjs =
d.getElementsByTagName(s)[0];
                                        if (d.getElementById(id)) return;
                                        js = d.createElement(s); js.id = id;
                                        js.src=
"https://platform.twitter.com/widgets.js";
                                        fjs.parentNode.insertBefore(js, fjs);
                                        return window.twttr || (t = { _e: [], ready:
function (f) { t._e.push(f) } });
                                    }(document, "script", "twitter-wjs"));
```

```php
                        </script>
                    </span>
                </h3><hr>
                <div class="text-center">
                    <a class="twitter-timeline" height="400"
href="https://twitter.com/bigprof" data-widget-id="552758720300843008" data-
chrome="nofooter noheader"><?php echo $Translation["loading bigprof feed"]; ?></a>
                    <script>!function(d,s,id){var
js,fjs=d.getElementsByTagName(s)[0],p=/^http:/.test(d.location)?'http':'https';if(!d.getEle
mentById(id)){js=d.createElement(s);js.id=id;js.src=p+"://platform.twitter.com/widgets.js"
;fjs.parentNode.insertBefore(js,fjs);}}(document,"script","twitter-wjs");</script>
                </div>
                <div class="text-right hidden" id="remove-feed-link"><a
href="pageSettings.php#hide_twitter_feed"><i class="glyphicon glyphicon-remove"></i>
<?php echo $Translation["remove feed"]; ?></a></div>
                    <script>
                        $j(function(){
                            show_remove_feed_link = function(){
                                if(!$j('.twitter-timeline-rendered').length){
                                    setTimeout(function(){
show_remove_feed_link(); }, 1000);
                                }
else{
                                    $j('#remove-feed-
link').removeClass('hidden');
                                }
                            };
                            show_remove_feed_link();
                        });
                    </script>
            </div>
        </div> <!-- /div.row#outer-row -->
<?php } ?>


<script>
```

```
$j(function(){
        $j(window).resize(function(){
                $j('.remaining-width').each(function(){
                        var panel_width = $j(this).parents('.panel-body').width();
                        var other_cell_width = $j(this).prev().width();


                        $j(this).attr('style', 'max-width: ' + (panel_width * .9 -
other_cell_width) + 'px !important;');
                });
        }).resize();
})
</script>
```

```php
<?php
    include("{$currDir}/incFooter.php");
?>
```

Sessions Autofill :

```php
<?php
// This script and data application were generated by AppGini 5.70
// Download AppGini for free from https://bigprof.com/appgini/download/

    $currDir=dirname(__FILE__);
    include("$currDir/defaultLang.php");
    include("$currDir/language.php");
```

```php
        include("$currDir/lib.php");

        handle_maintenance();

        header('Content-type: text/javascript; charset=' . datalist_db_encoding);

        $table_perms = getTablePermissions('sessions');
        if(!$table_perms[0]){ die('// Access denied!'); }

        $mfk=$_GET['mfk'];
        $id=makeSafe($_GET['id']);
        $rnd1=intval($_GET['rnd1']); if(!$rnd1) $rnd1='';

        if(!$mfk){
                die('// No js code available!');
        }

        switch($mfk){


        }

?>
```

Tachers_view.php :

```php
<?php
// This script and data application were generated by AppGini 5.70
// Download AppGini for free from https://bigprof.com/appgini/download/

        $currDir=dirname(__FILE__);
        include("$currDir/defaultLang.php");
```

```php
include("$currDir/language.php");
include("$currDir/lib.php");
@include("$currDir/hooks/teachers.php");
include("$currDir/teachers_dml.php");


// mm: can the current member access this page?
$perm=getTablePermissions('teachers');
if(!$perm[0]){
        echo error_message($Translation['tableAccessDenied'], false);
        echo '<script>setTimeout("window.location=\'index.php?signOut=1\'",
2000);</script>';
        exit;
}


$x = new DataList;
$x->TableName = "teachers";


// Fields that can be displayed in the table view
$x->QueryFieldsTV = array(
        "`teachers`.`id`" => "id",
        "`teachers`.`Name`" => "Name",
        "`teachers`.`Gender`" => "Gender",
        "`teachers`.`Age`" => "Age",
        "`teachers`.`Phone`" => "Phone",
        "`teachers`.`Email`" => "Email",
        "`teachers`.`StaffNumber`" => "StaffNumber"
);
// mapping incoming sort by requests to actual query fields
$x->SortFields = array(
        1 => '`teachers`.`id`',
        2 => 2,
        3 => 3,
        4 => '`teachers`.`Age`',
```

```
                5 => 5,
                6 => 6,
                7 => `teachers`.`StaffNumber`'
        );


        // Fields that can be displayed in the csv file
        $x->QueryFieldsCSV = array(
                "`teachers`.`id`" => "id",
                "`teachers`.`Name`" => "Name",
                "`teachers`.`Gender`" => "Gender",
                "`teachers`.`Age`" => "Age",
                "`teachers`.`Phone`" => "Phone",
                "`teachers`.`Email`" => "Email",
                "`teachers`.`StaffNumber`" => "StaffNumber"
        );
        // Fields that can be filtered
        $x->QueryFieldsFilters = array(
                "`teachers`.`id`" => "ID",
                "`teachers`.`Name`" => "Name",
                "`teachers`.`Gender`" => "Gender",
                "`teachers`.`Age`" => "Age",
                "`teachers`.`Phone`" => "Phone",
                "`teachers`.`Email`" => "Email",
                "`teachers`.`StaffNumber`" => "StaffNumber"
        );


        // Fields that can be quick searched
        $x->QueryFieldsQS = array(
                "`teachers`.`id`" => "id",
                "`teachers`.`Name`" => "Name",
                "`teachers`.`Gender`" => "Gender",
                "`teachers`.`Age`" => "Age",
                "`teachers`.`Phone`" => "Phone",
```

```php
        "`teachers`.`Email`" => "Email",
        "`teachers`.`StaffNumber`" => "StaffNumber"
);

// Lookup fields that can be used as filterers
$x->filterers = array();

$x->QueryFrom = "`teachers` ";
$x->QueryWhere = '';
$x->QueryOrder = '';

$x->AllowSelection = 1;
$x->HideTableView = ($perm[2]==0 ? 1 : 0);
$x->AllowDelete = $perm[4];
$x->AllowMassDelete = true;
$x->AllowInsert = $perm[1];
$x->AllowUpdate = $perm[3];
$x->SeparateDV = 1;
$x->AllowDeleteOfParents = 0;
$x->AllowFilters = 1;
$x->AllowSavingFilters = 1;
$x->AllowSorting = 1;
$x->AllowNavigation = 1;
$x->AllowPrinting = 1;
$x->AllowCSV = 1;
$x->RecordsPerPage = 10;
$x->QuickSearch = 1;
$x->QuickSearchText = $Translation["quick search"];
$x->ScriptFileName = "teachers_view.php";
$x->RedirectAfterInsert = "teachers_view.php?SelectedID=#ID#";
$x->TableTitle = "Teachers";
$x->TableIcon = "resources/table_icons/blackboard_drawing.png";
$x->PrimaryKey = "`teachers`.`id`";
```

```php
$x->DefaultSortField = '1';
$x->DefaultSortDirection = 'desc';


$x->ColWidth   = array(  150, 150, 150, 150, 150, 150);
$x->ColCaption = array("Name", "Gender", "Age", "Phone", "Email",
"StaffNumber");
$x->ColFieldName = array('Name', 'Gender', 'Age', 'Phone', 'Email',
'StaffNumber');
$x->ColNumber  = array(2, 3, 4, 5, 6, 7);


// template paths below are based on the app main directory
$x->Template = 'templates/teachers_templateTV.html';
$x->SelectedTemplate = 'templates/teachers_templateTVS.html';
$x->TemplateDV = 'templates/teachers_templateDV.html';
$x->TemplateDVP = 'templates/teachers_templateDVP.html';


$x->ShowTableHeader = 1;
$x->ShowRecordSlots = 0;
$x->TVClasses = "";
$x->DVClasses = "";
$x->HighlightColor = '#FFF0C2';


// mm: build the query based on current member's permissions
$DisplayRecords = $_REQUEST['DisplayRecords'];
if(!in_array($DisplayRecords, array('user', 'group'))){ $DisplayRecords = 'all'; }
if($perm[2]==1 || ($perm[2]>1 && $DisplayRecords=='user' &&
!$_REQUEST['NoFilter_x'])){ // view owner only
        $x->QueryFrom.=', membership_userrecords';
        $x->QueryWhere="where
`teachers`.`id`=membership_userrecords.pkValue and
membership_userrecords.tableName='teachers' and
lcase(membership_userrecords.memberID)='".getLoggedMemberID()."'";
    }elseif($perm[2]==2 || ($perm[2]>2 && $DisplayRecords=='group' &&
!$_REQUEST['NoFilter_x'])){ // view group only
        $x->QueryFrom.=', membership_userrecords';
```

```php
        $x->QueryWhere="where
`teachers`.`id`=membership_userrecords.pkValue and
membership_userrecords.tableName='teachers' and
membership_userrecords.groupID='".getLoggedGroupID()."'";
      }elseif($perm[2]==3){ // view all
            // no further action
      }elseif($perm[2]==0){ // view none
            $x->QueryFields = array("Not enough permissions" => "NEP");
            $x->QueryFrom = `teachers`;
            $x->QueryWhere = '';
            $x->DefaultSortField = '';
      }
      // hook: teachers_init
      $render=TRUE;
      if(function_exists('teachers_init')){
            $args=array();
            $render=teachers_init($x, getMemberInfo(), $args);
      }


      if($render) $x->Render();


      // hook: teachers_header
      $headerCode='';
      if(function_exists('teachers_header')){
            $args=array();
            $headerCode=teachers_header($x->ContentType, getMemberInfo(),
$args);
      }
      if(!$headerCode){
            include_once("$currDir/header.php");
      }else{
            ob_start(); include_once("$currDir/header.php");
$dHeader=ob_get_contents(); ob_end_clean();
            echo str_replace('<%%HEADER%%>', $dHeader, $headerCode);
```
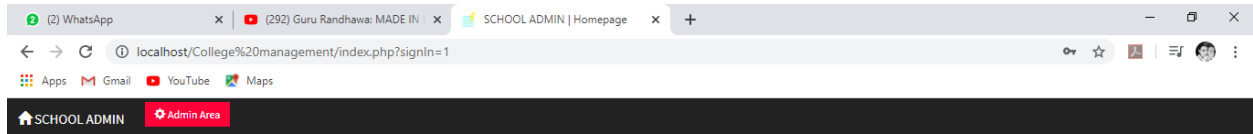
```
        }

        echo $x->HTML;
        // hook: teachers_footer
        $footerCode='';
        if(function_exists('teachers_footer')){
                $args=array();
                $footerCode=teachers_footer($x->ContentType, getMemberInfo(), $args);
        }
        if(!$footerCode){
                include_once("$currDir/footer.php");
        }else{
                ob_start(); include_once("$currDir/footer.php");
$dFooter=ob_get_contents(); ob_end_clean();
                echo str_replace('<%%FOOTER%%>', $dFooter, $footerCode);
        }
?>
```

Parents_view.php

<?php
// This script and data application were generated by AppGini 5.70
// Download AppGini for free from
https://bigprof.com/appgini/download/

$currDir=dirname(__FILE__);
include("$currDir/defaultLang.php");
include("$currDir/language.php");

```php
        include("$currDir/lib.php");
        @include("$currDir/hooks/parents.php");
        include("$currDir/parents_dml.php");


        // mm: can the current member access this page?
        $perm=getTablePermissions('parents');
        if(!$perm[0]){
                echo error_message($Translation['tableAccessDenied'],
false);
                echo
'<script>setTimeout("window.location=\'index.php?signOut=1\'",
2000);</script>';
                exit;
        }


        $x = new DataList;
        $x->TableName = "parents";


        // Fields that can be displayed in the table view
        $x->QueryFieldsTV = array(
            "`parents`.`id`" => "id",
            "`parents`.`Name`" => "Name",
            "`parents`.`Phone`" => "Phone",
            "`parents`.`Email`" => "Email",
            "`parents`.`HomeAddress`" => "HomeAddress"
        );
        // mapping incoming sort by requests to actual query fields
```

```php
$x->SortFields = array(
    1 => '`parents`.`id`',
    2 => 2,
    3 => 3,
    4 => 4,
    5 => 5
);

// Fields that can be displayed in the csv file
$x->QueryFieldsCSV = array(
    "`parents`.`id`" => "id",
    "`parents`.`Name`" => "Name",
    "`parents`.`Phone`" => "Phone",
    "`parents`.`Email`" => "Email",
    "`parents`.`HomeAddress`" => "HomeAddress"
);
// Fields that can be filtered
$x->QueryFieldsFilters = array(
    "`parents`.`id`" => "ID",
    "`parents`.`Name`" => "Name",
    "`parents`.`Phone`" => "Phone",
    "`parents`.`Email`" => "Email",
    "`parents`.`HomeAddress`" => "HomeAddress"
);

// Fields that can be quick searched
```

```php
$x->QueryFieldsQS = array(
    "`parents`.`id`" => "id",
    "`parents`.`Name`" => "Name",
    "`parents`.`Phone`" => "Phone",
    "`parents`.`Email`" => "Email",
    "`parents`.`HomeAddress`" => "HomeAddress"
);

// Lookup fields that can be used as filterers
$x->filterers = array();

$x->QueryFrom = "`parents` ";
$x->QueryWhere = '';
$x->QueryOrder = '';

$x->AllowSelection = 1;
$x->HideTableView = ($perm[2]==0 ? 1 : 0);
$x->AllowDelete = $perm[4];
$x->AllowMassDelete = true;
$x->AllowInsert = $perm[1];
$x->AllowUpdate = $perm[3];
$x->SeparateDV = 1;
$x->AllowDeleteOfParents = 0;
$x->AllowFilters = 1;
$x->AllowSavingFilters = 1;
$x->AllowSorting = 1;
```

```
$x->AllowNavigation = 1;

$x->AllowPrinting = 1;

$x->AllowCSV = 1;

$x->RecordsPerPage = 10;

$x->QuickSearch = 1;

$x->QuickSearchText = $Translation["quick search"];

$x->ScriptFileName = "parents_view.php";

$x->RedirectAfterInsert =
"parents_view.php?SelectedID=#ID#";

$x->TableTitle = "Parents";

$x->TableIcon =
"resources/table_icons/reseller_programm.png";

$x->PrimaryKey = "`parents`.`id`";


$x->ColWidth   = array(  150, 150, 150, 150);

$x->ColCaption = array("Name", "Phone", "Email",
"HomeAddress");

$x->ColFieldName = array('Name', 'Phone', 'Email',
'HomeAddress');

$x->ColNumber  = array(2, 3, 4, 5);


// template paths below are based on the app main directory

$x->Template = 'templates/parents_templateTV.html';

$x->SelectedTemplate =
'templates/parents_templateTVS.html';

$x->TemplateDV = 'templates/parents_templateDV.html';

$x->TemplateDVP = 'templates/parents_templateDVP.html';
```

```php
    $x->ShowTableHeader = 1;
    $x->ShowRecordSlots = 0;
    $x->TVClasses = "";
    $x->DVClasses = "";
    $x->HighlightColor = '#FFF0C2';


    // mm: build the query based on current member's permissions
    $DisplayRecords = $_REQUEST['DisplayRecords'];
    if(!in_array($DisplayRecords, array('user', 'group'))){
$DisplayRecords = 'all'; }
    if($perm[2]==1 || ($perm[2]>1 && $DisplayRecords=='user'
&& !$_REQUEST['NoFilter_x'])){ // view owner only
        $x->QueryFrom.=', membership_userrecords';
        $x->QueryWhere="where
`parents`.`id`=membership_userrecords.pkValue and
membership_userrecords.tableName='parents' and
lcase(membership_userrecords.memberID)='".getLoggedMemberI
D()."'";
    }elseif($perm[2]==2 || ($perm[2]>2 &&
$DisplayRecords=='group' && !$_REQUEST['NoFilter_x'])){ //
view group only
        $x->QueryFrom.=', membership_userrecords';
        $x->QueryWhere="where
`parents`.`id`=membership_userrecords.pkValue and
membership_userrecords.tableName='parents' and
membership_userrecords.groupID='".getLoggedGroupID()."'";
    }elseif($perm[2]==3){ // view all
        // no further action
    }elseif($perm[2]==0){ // view none
```

```php
        $x->QueryFields = array("Not enough permissions" =>
"NEP");

        $x->QueryFrom = `parents`;

        $x->QueryWhere = '';

        $x->DefaultSortField = '';
    }
    // hook: parents_init
    $render=TRUE;
    if(function_exists('parents_init')){
        $args=array();
        $render=parents_init($x, getMemberInfo(), $args);
    }


    if($render) $x->Render();


    // hook: parents_header
    $headerCode='';
    if(function_exists('parents_header')){
        $args=array();
        $headerCode=parents_header($x->ContentType,
getMemberInfo(), $args);
    }
    if(!$headerCode){
        include_once("$currDir/header.php");
    }else{
        ob_start(); include_once("$currDir/header.php");
$dHeader=ob_get_contents(); ob_end_clean();
```

```php
        echo str_replace('<%%HEADER%%>', $dHeader,
$headerCode);
    }


    echo $x->HTML;
    // hook: parents_footer
    $footerCode='';
    if(function_exists('parents_footer')){
        $args=array();
        $footerCode=parents_footer($x->ContentType,
getMemberInfo(), $args);
    }
    if(!$footerCode){
        include_once("$currDir/footer.php");
    }else{
        ob_start(); include_once("$currDir/footer.php");
$dFooter=ob_get_contents(); ob_end_clean();
        echo str_replace('<%%FOOTER%%>', $dFooter,
$footerCode);
    }
?>
```

OUTPUT SCREENS

Homepage :

Students

Fee collection

Hostels :

Classes :

Sessions:

Notices:

Fees Structure:

Class Attendance:

Admin Profile:

SYSTEM TESTING AND IMPLIMENTATION
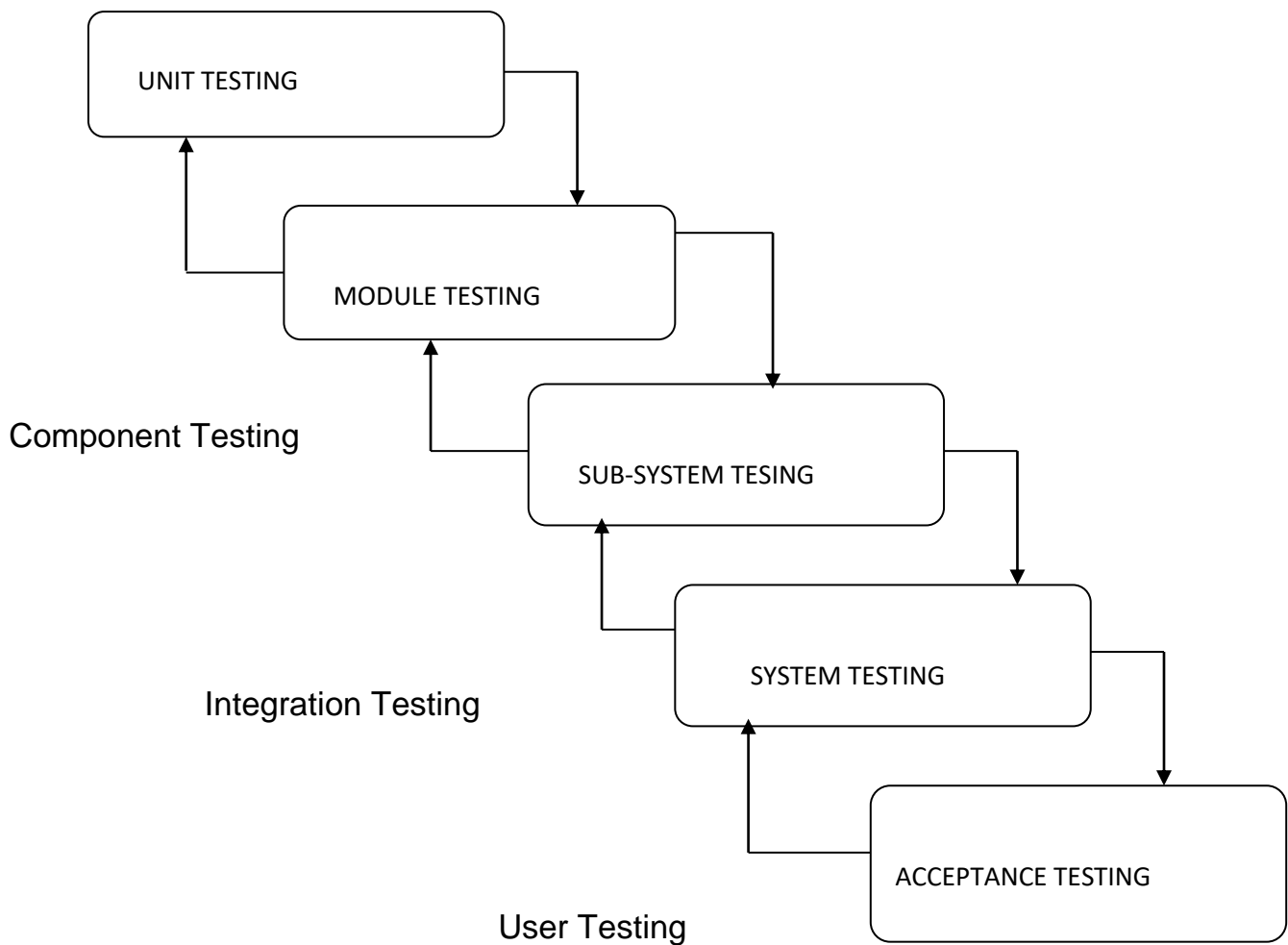
INTRODUCTION

Software testing is a critical element of software quality assurance and represents the ultimate review of specification, design and coding. In fact, testing is the one step in the software engineering process that could be viewed as destructive rather than constructive.

A strategy for software testing integrates software test case design methods into a well-planned series of steps that result in the successful construction of software. Testing is the set of activities that can be planned in advance and conducted systematically. The underlying motivation of program testing is to affirm software quality with methods that can economically and effectively apply to both strategic to both large and small-scale systems.

STRATEGIC APPROACH TO SOFTWARE TESTING

The software engineering process can be viewed as a spiral. Initially system engineering defines the role of software and leads to software requirement analysis where the information domain, functions, behavior, performance, constraints and validation criteria for software are established. Moving inward along the spiral, we come to design and finally to coding. To develop computer software we spiral in along streamlines that decrease the level of abstraction on each turn.

A strategy for software testing may also be viewed in the context of the spiral. Unit testing begins at the vertex of the spiral and concentrates on each unit of the software as implemented in source code. Testing progress by moving outward along the spiral to integration testing, where the focus is on the design and the construction of the software architecture. Talking another turn on outward on the spiral we encounter validation testing where requirements established as part of software requirements analysis are validated against the software that has been constructed. Finally we arrive at system testing, where the software and other system elements are tested as a whole.

```
┌─────────────────────┐
│   UNIT TESTING      │
└─────────────────────┘
        ┌─────────────────────┐
        │   MODULE TESTING    │
        └─────────────────────┘
Component Testing
            ┌─────────────────────┐
            │  SUB-SYSTEM TESING  │
            └─────────────────────┘
                ┌─────────────────────┐
                │   SYSTEM TESTING    │
Integration Testing └─────────────────────┘
                    ┌─────────────────────┐
                    │ ACCEPTANCE TESTING  │
                    └─────────────────────┘
                User Testing
```

SYSTEM SECURITY

<u>Introduction</u>

The protection of computer based resources that includes hardware, software, data, procedures and people against unauthorized use or natural Disaster is known as System Security.

System Security can be divided into four related issues:

- Security
- Integrity
- Privacy
- Confidentiality

SYSTEM SECURITY refers to the technical innovations and procedures applied to the hardware and operation systems to protect against deliberate or accidental damage from a defined threat.

DATA SECURITY is the protection of data from loss, disclosure, modification and destruction.

SYSTEM INTEGRITY refers to the power functioning of hardware and programs, appropriate physical security and safety against external threats such as eavesdropping and wiretapping.

PRIVACY defines the rights of the user or organizations to determine what information they are willing to share with or accept from others and how the organization can be protected against unwelcome, unfair or excessive dissemination of information about it.

CONFIDENTIALITY is a special status given to sensitive information in a database to minimize the possible invasion of privacy. It is an attribute of information that characterizes its need for protection.

SECURITY IN SOFTWARE

System security refers to various validations on data in form of checks and controls to avoid the system from failing. It is always important to ensure that only valid data is entered and only valid operations are performed on the system. The system employees two types of checks and controls:

CLIENT SIDE VALIDATION

Various client side validations are used to ensure on the client side that only valid data is entered. Client side validation saves server time and load to handle invalid data. Some checks imposed are:

- VBScript in used to ensure those required fields are filled with suitable data only. Maximum lengths of the fields of the forms are appropriately defined.

- Forms cannot be submitted without filling up the mandatory data so that manual mistakes of submitting empty fields that are mandatory can be sorted out at the client side to save the server time and load.

- Tab-indexes are set according to the need and taking into account the ease of user while working with the system.

SERVER SIDE VALIDATION

Some checks cannot be applied at client side. Server side checks are necessary to save the system from failing and intimating the user that some invalid operation has been performed or the performed operation is restricted. Some of the server side checks imposed is:

- Server side constraint has been imposed to check for the validity of primary key and foreign key. A primary key value cannot be duplicated. Any attempt to duplicate the primary value results into a message intimating the user about those values through the forms using foreign key can be updated only of the existing foreign key values.

- User is intimating through appropriate messages about the successful operations or exceptions occurring at server side.

- Various Access Control Mechanisms have been built so that one user may not agitate upon another. Access permissions to various types of users are controlled according to the organizational structure. Only permitted users can log on to the system and can have access according to their category. User- name, passwords and permissions are controlled o the server side.

- Using server side validation, constraints on several restricted operations are imposed.

CONCLUSION
&
FUTRURE SCOPE

CONCLUSION

This project developed, incorporated all the activities involved in the browsing centre.

It provides all necessary information to the management as well as the customer with the use of this system; the user can simply sit in front of the system and monitor all the activities without any physical movement of the file. Management can service the customers request best in time.

The system provides quickly and valuable information. These modules have been integrated for effective use of the management for future forecasting and for the current need.

SCOPE FOR FURTHER DEVELOPMENT

Nothing is perfect in this world. So, we are also no exception. Although, we have tried our best to present the information effectively, yet, there can be further enhancement in the Application.

The system can be designed for further enhancement .This could also be developed according to the growing needs of the customer.

<u>BIBLIOGRAPHY</u>

- **For Xamp Server installation**
  - https://www.apachefriends.org/download.html

- **Reference websites**
  - www.phptpoint.com
  - www.w3schools.com
  - http://www.tutorialspoint.com/php/index.htm

- **Reference Books**
  - A complete Reference in PHP
  - PHP in a NUTSHELL
  - PHP programming