

**GVP TIMES**  
COLLEGE NEWSPAPER

## INDEX.PHP

```
<?php

require( "config.php" );
$action = isset( $_GET['action'] ) ? $_GET['action'] : "";

switch ( $action ) {
    case 'archive':
        archive();
        break;
    case 'viewArticle':
        viewArticle();
        break;
    default:
        homepage();
}

function archive() {
    $results = array();
    $data = Article::getList();
    $results['articles'] = $data['results'];
    $results['totalRows'] = $data['totalRows'];
    $results['pageTitle'] = "Article Archive | GVPTIMES";
    require( TEMPLATE_PATH . "/archive.php" );
}

function viewArticle() {
    if ( !isset($_GET["articleId"]) || !$_GET["articleId"] ) {
        homepage();
        return;
    }
}
```

```

    }

    $results = array();
    $results['article'] = Article::getById( (int)$_GET["articleId"] );
    $results['pageTitle'] = $results['article']->title . " | GVPTIMES";
    require( TEMPLATE_PATH . "/viewArticle.php" );
}

function homepage() {
    $results = array();
    $data = Article::getList( HOMEPAGE_NUM_ARTICLES );
    $results['articles'] = $data['results'];
    $results['totalRows'] = $data['totalRows'];
    $results['pageTitle'] = "GVPTIMES";
    require( TEMPLATE_PATH . "/homepage.php" );
}

?>

```

## CONFIG.PHP

```

<?php
ini_set( "display_errors", true );
date_default_timezone_set( "Australia/Sydney" ); //
http://www.php.net/manual/en/timezones.php
define( "DB_DSN", "mysql:host=localhost;dbname=cmsproj" );
define( "DB_USERNAME", "username" );
define( "DB_PASSWORD", "password" );
define( "CLASS_PATH", "classes" );
define( "TEMPLATE_PATH", "templates" );
define( "HOMEPAGE_NUM_ARTICLES", 5 );
define( "ADMIN_USERNAME", "admin" );
define( "ADMIN_PASSWORD", "mypass" );
require( CLASS_PATH . "/Article.php" );

function handleException( $exception ) {
    echo "Sorry, a problem occurred. Please try later.";
    error_log( $exception->getMessage() );
}

set_exception_handler( 'handleException' );

?>

```

# ADMIN . PHP

```
<?php
```

```
require( "config.php" );  
session_start();  
$action = isset( $_GET['action'] ) ? $_GET['action'] : "";  
$username = isset( $_SESSION['username'] ) ? $_SESSION['username'] : "";
```

```
if ( $action != "login" && $action != "logout" && !$username ) {  
    login();  
    exit;  
}
```

```
switch ( $action ) {  
    case 'login':  
        login();  
        break;  
    case 'logout':  
        logout();  
        break;  
    case 'newArticle':  
        newArticle();  
        break;  
    case 'editArticle':  
        editArticle();  
        break;  
    case 'deleteArticle':  
        deleteArticle();  
        break;  
    default:  
        listArticles();  
}
```

```
function login() {  
  
    $results = array();  
    $results['pageTitle'] = "Admin Login | GVPTIMES";  
  
    if ( isset( $_POST['login'] ) ) {
```

```

// User has posted the login form: attempt to log the user in

if ( $_POST['username'] == ADMIN_USERNAME && $_POST['password'] ==
ADMIN_PASSWORD ) {

    // Login successful: Create a session and redirect to the admin homepage
    $_SESSION['username'] = ADMIN_USERNAME;
    header( "Location: admin.php" );

} else {

    // Login failed: display an error message to the user
    $results['errorMessage'] = "Incorrect username or password. Please try again.";
    require( TEMPLATE_PATH . "/admin/loginForm.php" );
}

} else {

    // User has not posted the login form yet: display the form
    require( TEMPLATE_PATH . "/admin/loginForm.php" );
}

}

function logout() {
    unset( $_SESSION['username'] );
    header( "Location: admin.php" );
}

function newArticle() {

    $results = array();
    $results['pageTitle'] = "New Article";
    $results['formAction'] = "newArticle";

    if ( isset( $_POST['saveChanges'] ) ) {

        // User has posted the article edit form: save the new article
        $article = new Article;
        $article->storeFormValues( $_POST );
        $article->insert();
    }
}

```

```

        header( "Location: admin.php?status=changesSaved" );

    } elseif ( isset( $_POST['cancel'] ) ) {

        // User has cancelled their edits: return to the article list
        header( "Location: admin.php" );
    } else {

        // User has not posted the article edit form yet: display the form
        $results['article'] = new Article;
        require( TEMPLATE_PATH . "/admin/editArticle.php" );
    }

}

function editArticle() {

    $results = array();
    $results['pageTitle'] = "Edit Article";
    $results['formAction'] = "editArticle";

    if ( isset( $_POST['saveChanges'] ) ) {

        // User has posted the article edit form: save the article changes

        if ( !$article = Article::getById( (int)$_POST['articleId'] ) ) {
            header( "Location: admin.php?error=articleNotFound" );
            return;
        }

        $article->storeFormValues( $_POST );
        $article->update();
        header( "Location: admin.php?status=changesSaved" );

    } elseif ( isset( $_POST['cancel'] ) ) {

        // User has cancelled their edits: return to the article list
        header( "Location: admin.php" );
    } else {

        // User has not posted the article edit form yet: display the form
        $results['article'] = Article::getById( (int)$_GET['articleId'] );
        require( TEMPLATE_PATH . "/admin/editArticle.php" );
    }
}

```

```

    }

}

function deleteArticle() {

    if ( !$article = Article::getById( (int)$_GET['articleId'] ) ) {
        header( "Location: admin.php?error=articleNotFound" );
        return;
    }

    $article->delete();
    header( "Location: admin.php?status=articleDeleted" );
}

function listArticles() {
    $results = array();
    $data = Article::getList();
    $results['articles'] = $data['results'];
    $results['totalRows'] = $data['totalRows'];
    $results['pageTitle'] = "All Articles";

    if ( isset( $_GET['error'] ) ) {
        if ( $_GET['error'] == "articleNotFound" ) $results['errorMessage'] = "Error: Article not found.";
    }

    if ( isset( $_GET['status'] ) ) {
        if ( $_GET['status'] == "changesSaved" ) $results['statusMessage'] = "Your changes have been saved.";
        if ( $_GET['status'] == "articleDeleted" ) $results['statusMessage'] = "Article deleted.";
    }

    require( TEMPLATE_PATH . "/admin/listArticles.php" );
}

?>

```

## TABLES.SQL

```

DROP TABLE IF EXISTS articles;
CREATE TABLE articles
(
    id            smallint unsigned NOT NULL auto_increment,
    publicationDate date NOT NULL,           # When the article was published
    title         varchar(255) NOT NULL,     # Full title of the article
    summary       text NOT NULL,             # A short summary of the article
    content       mediumtext NOT NULL,       # The HTML content of the article

    PRIMARY KEY   (id)
);

```

## STYLE.CSS

```

/* Style the body and outer container */

```

```

@import
url('https://fonts.googleapis.com/css2?family=Montserrat:wght@300;400&family=Roboto:wght@300&display=swap');

```

```

body {
    margin: 0;
    color: #333;
    background-color: #eee;
    font-family: 'Montserrat', 'Roboto', sans-serif;
    line-height: 1.5em;
}

```

```

#container {
    width: 960px;
    background: #fff;
    margin: 20px auto;
    padding: 20px;
    -moz-border-radius: 5px;
    -webkit-border-radius: 5px;
    border-radius: 5px;
    box-shadow: 10px 10px 111px 0px rgba(159,143,143,0.85);
    -webkit-box-shadow: 10px 10px 111px 0px rgba(159,143,143,0.85);
    -moz-box-shadow: 10px 10px 111px 0px rgba(159,143,143,0.85);
}

```

```
/* The logo and footer */
```

```
#logo {  
  display: block;  
  width: 300px;  
  padding: 0 660px 20px 0;  
  border: none;  
  border-bottom: 1px solid #00a0b0;  
  margin-bottom: 40px;  
}
```

```
#footer {  
  border-top: 1px solid #00a0b0;  
  margin-top: 40px;  
  padding: 20px 0 0 0;  
  font-size: .8em;  
  text-align: center;  
}
```

```
/* Headings */
```

```
h1 {  
  color: #eb6841;  
  margin-bottom: 30px;  
  line-height: 1.2em;  
}
```

```
h2, h2 a {  
  color: #edc951;  
}
```

```
h2 a {  
  text-decoration: none;  
}
```

```
/* Article headlines */
```

```
#headlines {  
  list-style: none;  
  padding-left: 0;
```



```
width: 75%;  
}
```

```
#headlines li {  
  margin-bottom: 2em;  
}
```

```
.pubDate {  
  font-size: .8em;  
  color: #eb6841;  
  text-transform: uppercase;  
}
```

```
#headlines .pubDate {  
  display: inline-block;  
  width: 100px;  
  font-size: .5em;  
  vertical-align: middle;  
}
```

```
#headlines.archive .pubDate {  
  width: 130px;  
}
```

```
.summary {  
  padding-left: 100px;  
}
```

```
#headlines.archive .summary {  
  padding-left: 130px;  
}
```

```
/* "You are logged in..." header on admin pages */
```

```
#adminHeader {  
  width: 940px;  
  padding: 0 10px;  
  border-bottom: 1px solid #00a0b0;  
  margin: -30px 0 40px 0;  
  font-size: 0.8em;  
}
```

```
/* Style the form with a coloured background, along with curved corners and a drop shadow */
```

```
form {  
  margin: 20px auto;  
  padding: 40px 20px;  
  overflow: auto;  
  background: #fff4cf;  
  border: 1px solid #666;  
  -moz-border-radius: 5px;  
  -webkit-border-radius: 5px;  
  border-radius: 5px;  
  -moz-box-shadow: 0 0 .5em rgba(0, 0, 0, .8);  
  -webkit-box-shadow: 0 0 .5em rgba(0, 0, 0, .8);  
  box-shadow: 0 0 .5em rgba(0, 0, 0, .8);  
}
```

```
/* Give form elements consistent margin, padding and line height */
```

```
form ul {  
  list-style: none;  
  margin: 0;  
  padding: 0;  
}
```

```
form ul li {  
  margin: .9em 0 0 0;  
  padding: 0;  
}
```

```
form * {  
  line-height: 1em;  
}
```

```
/* The field labels */
```

```
label {  
  display: block;  
  float: left;  
  clear: left;  
  text-align: right;  
  width: 15%;  
  padding: .4em 0 0 0;
```

```
margin: .15em .5em 0 0;  
}
```

```
/* The fields */
```

```
input, select, textarea {  
  display: block;  
  margin: 0;  
  padding: .4em;  
  width: 80%;  
}
```

```
input, textarea, .date {  
  border: 2px solid #666;  
  -moz-border-radius: 5px;  
  -webkit-border-radius: 5px;  
  border-radius: 5px;  
  background: #fff;  
}
```

```
input {  
  font-size: .9em;  
}
```

```
select {  
  padding: 0;  
  margin-bottom: 2.5em;  
  position: relative;  
  top: .7em;  
}
```

```
textarea {  
  font-family: "Trebuchet MS", Arial, Helvetica, sans-serif;  
  font-size: .9em;  
  height: 5em;  
  line-height: 1.5em;  
}
```

```
textarea#content {  
  font-family: "Courier New", courier, fixed;  
}
```

```
/* Place a border around focused fields */
```

```
form *:focus {  
  border: 2px solid #7c412b;  
  outline: none;  
}
```

```
/* Display correctly filled-in fields with a green background */
```

```
input:valid, textarea:valid {  
  background: #efe;  
}
```

```
/* Submit buttons */
```

```
.buttons {  
  text-align: center;  
  margin: 40px 0 0 0;  
}
```

```
input[type="submit"] {  
  display: inline;  
  margin: 0 20px;  
  width: 12em;  
  padding: 10px;  
  border: 2px solid #7c412b;  
  -moz-border-radius: 5px;  
  -webkit-border-radius: 5px;  
  border-radius: 5px;  
  -moz-box-shadow: 0 0 .5em rgba(0, 0, 0, .8);  
  -webkit-box-shadow: 0 0 .5em rgba(0, 0, 0, .8);  
  box-shadow: 0 0 .5em rgba(0, 0, 0, .8);  
  color: #fff;  
  background: #ef7d50;  
  font-weight: bold;  
  -webkit-appearance: none;  
}
```

```
input[type="submit"]:hover, input[type="submit"]:active {  
  cursor: pointer;  
  background: #fff;  
  color: #ef7d50;
```

```
}
```

```
input[type="submit"]:active {  
    background: #eb4034;  
    -moz-box-shadow: 0 0 .5em rgba(0, 0, 0, .8) inset;  
    -webkit-box-shadow: 0 0 .5em rgba(0, 0, 0, .8) inset;  
    box-shadow: 0 0 .5em rgba(0, 0, 0, .8) inset;  
}
```

```
/* Tables */
```

```
table {  
    width: 100%;  
    border-collapse: collapse;  
}
```

```
tr, th, td {  
    padding: 10px;  
    margin: 0;  
    text-align: left;  
}
```

```
table, th {  
    border: 1px solid #00a0b0;  
}
```

```
th {  
    border-left: none;  
    border-right: none;  
    background: #ef7d50;  
    color: #fff;  
    cursor: default;  
}
```

```
tr:nth-child(odd) {  
    background: #fff4cf;  
}
```

```
tr:nth-child(even) {  
    background: #fff;  
}
```

```
tr:hover {
```

```
background: #ddd;
cursor: pointer;
}
```

```
/* Status and error boxes */
```

```
.statusMessage, .errorMessage {
font-size: .8em;
padding: .5em;
margin: 2em 0;
-moz-border-radius: 5px;
-webkit-border-radius: 5px;
border-radius: 5px;
-moz-box-shadow: 0 0 .5em rgba(0, 0, 0, .8);
-webkit-box-shadow: 0 0 .5em rgba(0, 0, 0, .8);
-box-shadow: 0 0 .5em rgba(0, 0, 0, .8);
}
```

```
.statusMessage {
background-color: #2b2;
border: 1px solid #080;
color: #fff;
}
```

```
.errorMessage {
background-color: #f22;
border: 1px solid #800;
color: #fff;
}
```

```
.bannerimg
{
background: url(images/bannerimg.jpeg);
background-position: center;
background-size: cover;
background-repeat: no-repeat;
background-attachment: fixed;
height: 200px;
width: 100%;
cursor: pointer;
padding: 0px;
}
```

```
.banneroverlay
{
    background-color: rgba(63,135,245,0.6);
    width: 100%;
    height: 100%;
    transition-duration: 0.4s;
}

.banneroverlay:hover
{
    background-color: rgba(38,93,191,0.8);
}
```

## **CLASSES/ARTICLE.PHP**

```
<?php

/**
 * Class to handle articles
 */

class Article
{
    // Properties

    /**
     * @var int The article ID from the database
     */
    public $id = null;

    /**
     * @var int When the article is to be / was first published
     */
    public $publicationDate = null;

    /**
     * @var string Full title of the article
     */
    public $title = null;

    /**
```

```

* @var string A short summary of the article
*/
public $summary = null;

/**
* @var string The HTML content of the article
*/
public $content = null;

/**
* Sets the object's properties using the values in the supplied array
*
* @param assoc The property values
*/

public function __construct( $data=array() ) {
    if ( isset( $data['id'] ) ) $this->id = (int) $data['id'];
    if ( isset( $data['publicationDate'] ) ) $this->publicationDate = (int) $data['publicationDate'];
    if ( isset( $data['title'] ) ) $this->title = preg_replace ( "/^[^\.\\,\\-\\_\\'\"@\\?\\!\\:\\$ a-zA-Z0-9()]/", "",
$data['title'] );
    if ( isset( $data['summary'] ) ) $this->summary = preg_replace ( "/^[^\.\\,\\-\\_\\'\"@\\?\\!\\:\\$
a-zA-Z0-9()]/", "", $data['summary'] );
    if ( isset( $data['content'] ) ) $this->content = $data['content'];
}

/**
* Sets the object's properties using the edit form post values in the supplied array
*
* @param assoc The form post values
*/

public function storeFormValues ( $params ) {

    // Store all the parameters
    $this->__construct( $params );

    // Parse and store the publication date
    if ( isset($params['publicationDate']) ) {
        $publicationDate = explode ( '-', $params['publicationDate'] );

        if ( count($publicationDate) == 3 ) {
            list ( $y, $m, $d ) = $publicationDate;

```



```

        $this->publicationDate = mktime ( 0, 0, 0, $m, $d, $y );
    }
}
}

```

```

/**
 * Returns an Article object matching the given article ID
 *
 * @param int The article ID
 * @return Article|false The article object, or false if the record was not found or there was a
problem
 */

```

```

public static function getById( $id ) {
    $conn = new PDO( DB_DSN, DB_USERNAME, DB_PASSWORD );
    $sql = "SELECT *, UNIX_TIMESTAMP(publicationDate) AS publicationDate FROM articles
WHERE id = :id";
    $st = $conn->prepare( $sql );
    $st->bindValue( ":id", $id, PDO::PARAM_INT );
    $st->execute();
    $row = $st->fetch();
    $conn = null;
    if ( $row ) return new Article( $row );
}

```

```

/**
 * Returns all (or a range of) Article objects in the DB
 *
 * @param int Optional The number of rows to return (default=all)
 * @return Array|false A two-element array : results => array, a list of Article objects; totalRows
=> Total number of articles
 */

```

```

public static function getList( $numRows=1000000 ) {
    $conn = new PDO( DB_DSN, DB_USERNAME, DB_PASSWORD );
    $sql = "SELECT SQL_CALC_FOUND_ROWS *, UNIX_TIMESTAMP(publicationDate) AS
publicationDate FROM articles
        ORDER BY publicationDate DESC LIMIT :numRows";

    $st = $conn->prepare( $sql );
    $st->bindValue( ":numRows", $numRows, PDO::PARAM_INT );
    $st->execute();

```

```

$list = array();

while ( $row = $st->fetch() ) {
    $article = new Article( $row );
    $list[] = $article;
}

// Now get the total number of articles that matched the criteria
$sql = "SELECT FOUND_ROWS() AS totalRows";
$totalRows = $conn->query( $sql )->fetch();
$conn = null;
return ( array ( "results" => $list, "totalRows" => $totalRows[0] ) );
}

/**
 * Inserts the current Article object into the database, and sets its ID property.
 */

public function insert() {

    // Does the Article object already have an ID?
    if ( !is_null( $this->id ) ) trigger_error ( "Article::insert(): Attempt to insert an Article object that
already has its ID property set (to $this->id).", E_USER_ERROR );

    // Insert the Article
    $conn = new PDO( DB_DSN, DB_USERNAME, DB_PASSWORD );
    $sql = "INSERT INTO articles ( publicationDate, title, summary, content ) VALUES (
FROM_UNIXTIME(:publicationDate), :title, :summary, :content )";
    $st = $conn->prepare ( $sql );
    $st->bindValue( ":publicationDate", $this->publicationDate, PDO::PARAM_INT );
    $st->bindValue( ":title", $this->title, PDO::PARAM_STR );
    $st->bindValue( ":summary", $this->summary, PDO::PARAM_STR );
    $st->bindValue( ":content", $this->content, PDO::PARAM_STR );
    $st->execute();
    $this->id = $conn->lastInsertId();
    $conn = null;
}

/**
 * Updates the current Article object in the database.
 */

```

```

public function update() {

    // Does the Article object have an ID?
    if ( is_null( $this->id ) ) trigger_error ( "Article::update(): Attempt to update an Article object
that does not have its ID property set.", E_USER_ERROR );

    // Update the Article
    $conn = new PDO( DB_DSN, DB_USERNAME, DB_PASSWORD );
    $sql = "UPDATE articles SET publicationDate=FROM_UNIXTIME(:publicationDate),
title=:title, summary=:summary, content=:content WHERE id = :id";
    $st = $conn->prepare ( $sql );
    $st->bindValue( ":publicationDate", $this->publicationDate, PDO::PARAM_INT );
    $st->bindValue( ":title", $this->title, PDO::PARAM_STR );
    $st->bindValue( ":summary", $this->summary, PDO::PARAM_STR );
    $st->bindValue( ":content", $this->content, PDO::PARAM_STR );
    $st->bindValue( ":id", $this->id, PDO::PARAM_INT );
    $st->execute();
    $conn = null;
}

/**
 * Deletes the current Article object from the database.
 */

public function delete() {

    // Does the Article object have an ID?
    if ( is_null( $this->id ) ) trigger_error ( "Article::delete(): Attempt to delete an Article object that
does not have its ID property set.", E_USER_ERROR );

    // Delete the Article
    $conn = new PDO( DB_DSN, DB_USERNAME, DB_PASSWORD );
    $st = $conn->prepare ( "DELETE FROM articles WHERE id = :id LIMIT 1" );
    $st->bindValue( ":id", $this->id, PDO::PARAM_INT );
    $st->execute();
    $conn = null;
}

}

?>

```

# TEMPLATES/ADMIN/EDITARTICLE.PH

## P

```
<?php include "templates/include/header.php" ?>

<div id="adminHeader">
    <h2>GVPTIMES Admin</h2>
    <p>You are logged in as <b><?php echo htmlspecialchars( $_SESSION['username'])
?></b>. <a href="admin.php?action=logout"?>Log out</a></p>
</div>

<h1><?php echo $results['pageTitle']?></h1>

<form action="admin.php?action=<?php echo $results['formAction']?>" method="post">
    <input type="hidden" name="articleId" value="<?php echo $results['article']->id ?>" />

<?php if ( isset( $results['errorMessage'] ) ) { ?>
    <div class="errorMessage"><?php echo $results['errorMessage'] ?></div>
<?php } ?>

<ul>

    <li>
        <label for="title">Article Title</label>
        <input type="text" name="title" id="title" placeholder="Name of the article" required
autofocus maxlength="255" value="<?php echo htmlspecialchars( $results['article']->title )?>" />
    </li>

    <li>
        <label for="summary">Article Summary</label>
        <textarea name="summary" id="summary" placeholder="Brief description of the article"
required maxlength="1000" style="height: 5em;"><?php echo htmlspecialchars(
$results['article']->summary )?></textarea>
    </li>

    <li>
        <label for="content">Article Content</label>
        <textarea name="content" id="content" placeholder="The HTML content of the article"
required maxlength="100000" style="height: 30em;"><?php echo htmlspecialchars(
$results['article']->content )?></textarea>
    </li>
```

```

        </li>
        <label for="publicationDate">Publication Date</label>
        <input type="date" name="publicationDate" id="publicationDate"
placeholder="YYYY-MM-DD" required maxlength="10" value="<?php echo
$results['article']->publicationDate ? date( "Y-m-d", $results['article']->publicationDate ) : "" ?>" />
        </li>

</ul>

<div class="buttons">
    <input type="submit" name="saveChanges" value="Save Changes" />
    <input type="submit" formnovalidate name="cancel" value="Cancel" />
</div>

</form>

<?php if ( $results['article']->id ) { ?>
    <p><a href="admin.php?action=deleteArticle&articleId=<?php echo
$results['article']->id ?>" onclick="return confirm('Delete This Article?')>Delete This
Article</a></p>
<?php } ?>

<?php include "templates/include/footer.php" ?>

```

## TEMPLATES/ADMIN/LISTARTICLE.PH

### P

```

<?php include "templates/include/header.php" ?>

<div id="adminHeader">
    <h2>GVPTIMES Admin</h2>
    <p>You are logged in as <b><?php echo htmlspecialchars( $_SESSION['username'])
?></b>. <a href="admin.php?action=logout"?>Log out</a></p>
</div>

<h1>All Articles</h1>

```

```
<?php if ( isset( $results['errorMessage'] ) ) { ?>
    <div class="errorMessage"><?php echo $results['errorMessage'] ?></div>
<?php } ?>
```

```
<?php if ( isset( $results['statusMessage'] ) ) { ?>
    <div class="statusMessage"><?php echo $results['statusMessage'] ?></div>
<?php } ?>
```

```
    <table>
    <tr>
        <th>Publication Date</th>
        <th>Article</th>
    </tr>
```

```
<?php foreach ( $results['articles'] as $article ) { ?>
```

```
    <tr onclick="location='admin.php?action=editArticle&articleId=<?php echo
$article->id?>'">
        <td><?php echo date('j M Y', $article->publicationDate)?></td>
        <td>
            <?php echo $article->title?>
        </td>
    </tr>
```

```
<?php } ?>
```

```
</table>
```

```
    <p><?php echo $results['totalRows']?> article<?php echo ( $results['totalRows'] != 1 ) ? 's' :
" ?> in total.</p>
```

```
    <p><a href="admin.php?action=newArticle">Add a New Article</a></p>
```

```
<?php include "templates/include/footer.php" ?>
```

## TEMPLATES/ADMIN/LOGINFORM.PHP

```
<?php include "templates/include/header.php" ?>
```

```
    <form action="admin.php?action=login" method="post" style="width: 50%;">
```

```

        <input type="hidden" name="login" value="true" />

<?php if ( isset( $results['errorMessage'] ) ) { ?>
    <div class="errorMessage"><?php echo $results['errorMessage'] ?></div>
<?php } ?>

    <ul>

        <li>
            <label for="username">Username</label>
            <input type="text" name="username" id="username" placeholder="Your admin
username" required autofocus maxlength="20" />
        </li>

        <li>
            <label for="password">Password</label>
            <input type="password" name="password" id="password" placeholder="Your admin
password" required maxlength="20" />
        </li>

    </ul>

    <div class="buttons">
        <input type="submit" name="login" value="Login" />
    </div>

</form>

<?php include "templates/include/footer.php" ?>

```

# TEMPLATES/INCLUDE/CONNECTION.P

## HP

```

<?php
function OpenCon()
{
    $dbhost = "localhost";
    $dbuser = "root";
    $dbpass = "1234";
    $db = "";

```

```
$conn = new mysqli($dbhost, $dbuser, $dbpass,$db) or die("Connect failed: %s\n". $conn -> error);
```

```
return $conn;  
}
```

```
function CloseCon($conn)  
{  
    $conn -> close();  
}
```

```
?>
```

## TEMPLATES/INCLUDE/FOOTER.PHP

```
<div id="footer" style="text-align: center;">  
    GVPTIMES &copy; 2021. All rights reserved. <a href="admin.php" style="cursor:  
pointer;text-decoration: none;color: #999;">Site Admin</a>  
</div>
```

```
</div>  
</body>  
</html>
```

## TEMPLATES/INCLUDE/HEADER.PHP

```
<!DOCTYPE html>  
<html lang="en">  
    <head>  
        <title>GVPTIMES</title>  
        <link rel="stylesheet" type="text/css" href="style.css" />  
    </head>  
    <body>  
        <p style="color: #999;font-size: 12px;margin-top: 2%;margin-left: 80%;">A Weekly  
Magazine. powered by SAC.</p>  
  
        <div id="container">
```



```
<a href=".">

</a>
```

## TEMPLATES/VIEWARTICLE.PHP

```
<?php include "templates/include/header.php" ?>

    <h1 style="width: 75%;"><?php echo htmlspecialchars( $results['article']->title )?></h1>
    <div style="width: 75%; font-style: italic;"><?php echo htmlspecialchars(
$results['article']->summary )?></div>
    <div style="width: 75%;"><?php echo $results['article']->content?></div>
    <p class="pubDate">Published on <?php echo date('j F Y',
$results['article']->publicationDate)?></p>

    <p><a href=".">Return to Homepage</a></p>

<?php include "templates/include/footer.php" ?>
```

## TEMPLATES/HOMEPAGE.PHP

```
<?php include "templates/include/header.php" ?>

    <ul id="headlines">

<?php foreach ( $results['articles'] as $article ) { ?>

    <li>
        <h2>
            <span class="pubDate"><?php echo date('j F', $article->publicationDate)?></span><a
href="."?action=viewArticle&articleId=<?php echo $article->id?>"><?php echo
htmlspecialchars( $article->title )?></a>
        </h2>
        <p class="summary"><?php echo htmlspecialchars( $article->summary )?></p>
    </li>
```

```
<?php } ?>
```

```
</ul>
```

```
<!-- <p><a href="/?action=archive">Article Archive</a></p>-->
```

```
<?php include "templates/include/footer.php" ?>
```

## **ADMINLOGIN SCREEN**



Windows 10

Username

Your admin username

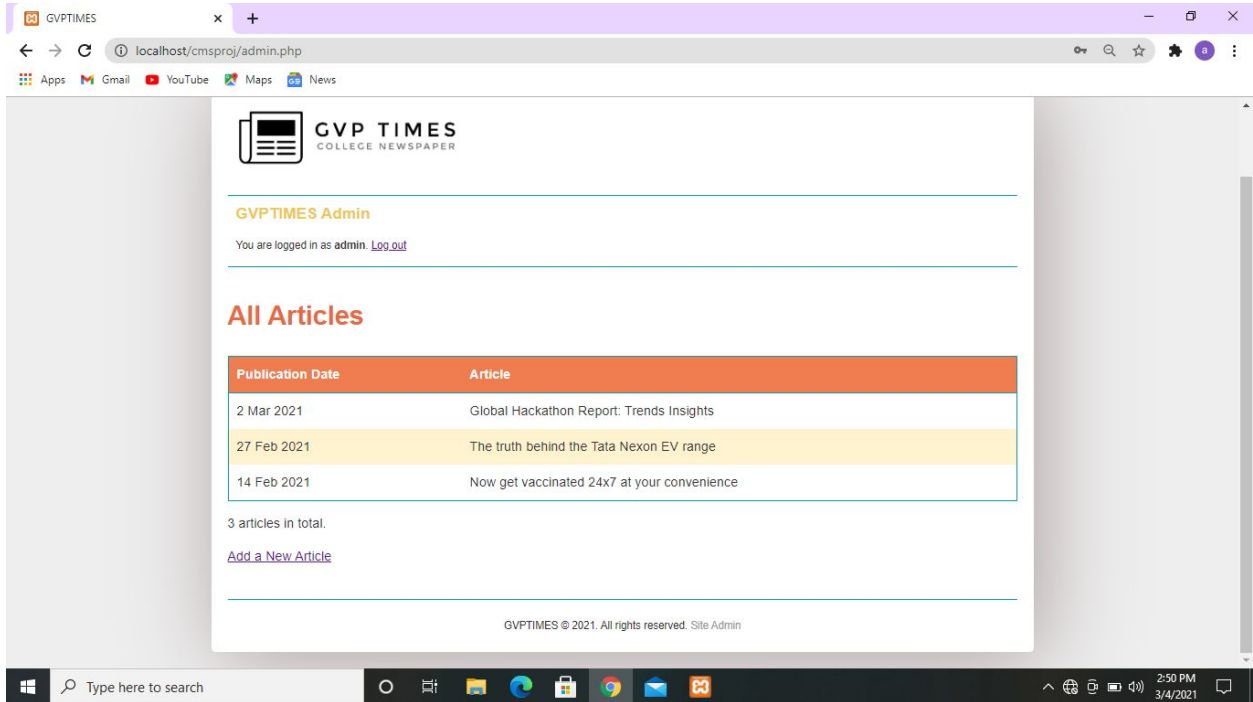
Password

Your admin password

Login

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# ADMIN DASHBOARD



The screenshot shows the GVPTIMES Admin Dashboard in a web browser. The browser's address bar shows 'localhost/cmsproj/admin.php'. The dashboard has a header with the 'GVP TIMES COLLEGE NEWSPAPER' logo. Below the header, it says 'GVPTIMES Admin' and 'You are logged in as admin. [Log out](#)'. The main section is titled 'All Articles' and contains a table with three articles. The table has two columns: 'Publication Date' and 'Article'. The articles are: '2 Mar 2021 Global Hackathon Report: Trends Insights', '27 Feb 2021 The truth behind the Tata Nexon EV range', and '14 Feb 2021 Now get vaccinated 24x7 at your convenience'. Below the table, it says '3 articles in total.' and 'Add a New Article'. The footer says 'GVPTIMES © 2021. All rights reserved. Site Admin'.

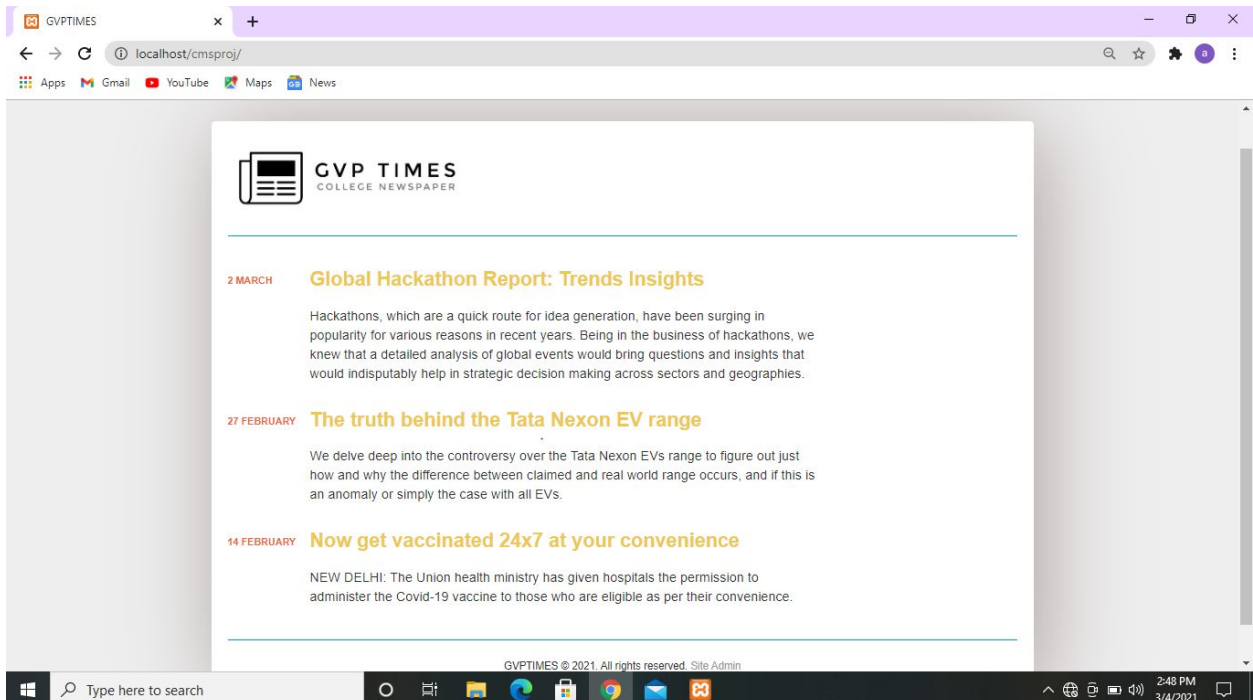
Publication Date	Article
2 Mar 2021	Global Hackathon Report: Trends Insights
27 Feb 2021	The truth behind the Tata Nexon EV range
14 Feb 2021	Now get vaccinated 24x7 at your convenience

3 articles in total.

[Add a New Article](#)

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# USER



The screenshot shows the GVPTIMES User Interface in a web browser. The browser's address bar shows 'localhost/cmsproj/'. The interface has a header with the 'GVP TIMES COLLEGE NEWSPAPER' logo. Below the header, it displays three articles with their dates and titles. The first article is '2 MARCH Global Hackathon Report: Trends Insights', the second is '27 FEBRUARY The truth behind the Tata Nexon EV range', and the third is '14 FEBRUARY Now get vaccinated 24x7 at your convenience'. Each article has a short paragraph of text. The footer says 'GVPTIMES © 2021. All rights reserved. Site Admin'.

Date	Title	Text
2 MARCH	Global Hackathon Report: Trends Insights	Hackathons, which are a quick route for idea generation, have been surging in popularity for various reasons in recent years. Being in the business of hackathons, we knew that a detailed analysis of global events would bring questions and insights that would indisputably help in strategic decision making across sectors and geographies.
27 FEBRUARY	The truth behind the Tata Nexon EV range	We delve deep into the controversy over the Tata Nexon EVs range to figure out just how and why the difference between claimed and real world range occurs, and if this is an anomaly or simply the case with all EVs.
14 FEBRUARY	Now get vaccinated 24x7 at your convenience	NEW DELHI: The Union health ministry has given hospitals the permission to administer the Covid-19 vaccine to those who are eligible as per their convenience.

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# ADD ARTICLE

The screenshot shows a web browser window with the address bar displaying `localhost/cmsproj/admin.php?action=newArticle`. The page title is "New Article". The form contains the following fields:

- Article Title:** A text input field with the placeholder text "Name of the article".
- Article Summary:** A text input field with the placeholder text "Brief description of the article".
- Article Content:** A large text area with the placeholder text "The HTML content of the article".
- Publication Date:** A date input field with the placeholder text "mm/dd/yyyy".

At the bottom of the form are two buttons: "Save Changes" and "Cancel". The Windows taskbar at the bottom shows the time as 2:50 PM on 3/4/2021.

# EDIT ARTICLE

The screenshot shows a web browser window with the address bar displaying `localhost/cmsproj/admin.php?action=editArticle&articleId=1`. The page title is "Edit Article". The form contains the following fields:

- Article Title:** A text input field containing the text "Global Hackathon Report: Trends Insights".
- Article Summary:** A text input field containing the text "Hackathons, which are a quick route for idea generation, have been surging in popularity for various reasons in recent years. Being in the business of hackathons, we knew that a detailed analysis of global events would bring questions and insights that would indisputably help in strategic decision making across sectors and geographies."
- Article Content:** A large text area containing the text:

We analysed nearly 1000 hackathons across 75 countries in the world during a two-year period (from 2018 onward) and put together a Global Hackathon Report. Overall, we discern a common trend-hackathons everywhere are helping organisations battle talent scarcity, acquisition, and retention while fueling innovation across domains and functions.

In this report, we discuss the hackathon format and culture and its exciting possibilities to help people adapt to the future.

Hackathons are clearly helping companies go from idea to action. To know what hackathons are, how these problem-solving exercises are being used to create an impact, and why people are turning to external partners and platforms to navigate the mercurial landscape of innovation, download our full report.
- Publication Date:** A date input field containing the text "03/02/2021".

At the bottom of the form are two buttons: "Save Changes" and "Cancel". The Windows taskbar at the bottom shows the time as 2:51 PM on 3/4/2021.

# VIEW ARTICLE

The screenshot shows a web browser window with the address bar displaying `localhost/cmsproj/?action=viewArticle&articleId=1`. The page features the GVP TIMES logo and the title "Global Hackathon Report: Trends Insights". The article text discusses the popularity of hackathons and mentions a report based on data from 75 countries. A "PUBLISHED ON 2 MARCH 2021" date is shown, along with a "Return to Homepage" link. The Windows taskbar at the bottom shows the search bar and various application icons.

GVPTIMES

localhost/cmsproj/?action=viewArticle&articleId=1

Apps Gmail YouTube Maps News

A Weekly Magazine, powered by SAG.

**GVP TIMES**  
COLLEGE NEWSPAPER

## Global Hackathon Report: Trends Insights

*Hackathons, which are a quick route for idea generation, have been surging in popularity for various reasons in recent years. Being in the business of hackathons, we knew that a detailed analysis of global events would bring questions and insights that would indisputably help in strategic decision making across sectors and geographies.*

We analyzed nearly 1000 hackathons across 75 countries in the world during a two-year period (from 2015 onward) and put together a Global Hackathon Report. Overall, we discern a common trend—hackathons everywhere are helping organizations battle talent scarcity, acquisition, and retention while fueling innovation across domains and functions. In this report, we discuss the hackathon format and culture and its exciting possibilities to help people adapt to the future. Hackathons are clearly helping companies go from idea to action. To know what hackathons are, how these problem-solving exercises are being used to create an impact, and why people are turning to external partners and platforms to navigate the mercurial landscape of innovation, download our full report.

PUBLISHED ON 2 MARCH 2021

[Return to Homepage](#)

Type here to search

2:52 PM 3/4/2021

This screenshot shows the same browser window but with a list of three articles. Each article entry includes a date, a title, and a short summary. The first article is the same "Global Hackathon Report" seen in the previous screenshot. The second article is "The truth behind the Tata Nexon EV range" dated 27 FEBRUARY. The third article is "Now get vaccinated 24x7 at your convenience" dated 14 FEBRUARY. The footer of the page reads "GVPTIMES © 2021. All rights reserved. Site Admin".

GVPTIMES

localhost/cmsproj/

Apps Gmail YouTube Maps News

**GVP TIMES**  
COLLEGE NEWSPAPER

**2 MARCH** **Global Hackathon Report: Trends Insights**

Hackathons, which are a quick route for idea generation, have been surging in popularity for various reasons in recent years. Being in the business of hackathons, we knew that a detailed analysis of global events would bring questions and insights that would indisputably help in strategic decision making across sectors and geographies.

**27 FEBRUARY** **The truth behind the Tata Nexon EV range**

We delve deep into the controversy over the Tata Nexon EVs range to figure out just how and why the difference between claimed and real world range occurs, and if this is an anomaly or simply the case with all EVs.

**14 FEBRUARY** **Now get vaccinated 24x7 at your convenience**

NEW DELHI: The Union health ministry has given hospitals the permission to administer the Covid-19 vaccine to those who are eligible as per their convenience.

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Type here to search

2:48 PM 3/4/2021

# EDIT ARTICLE

GVPTIMES

localhost/cmsproj/admin.php?action=editArticle&articleId=1

Apps Gmail YouTube Maps News

### Edit Article

Article Title: Global Hackathon Report: Trends Insights

Article Summary: Hackathons, which are a quick route for idea generation, have been surging in popularity for various reasons in recent years. Being in the business of hackathons, we knew that a detailed analysis of global events would bring questions and insights that would indisputably help in strategic decision making across sectors and geographies.

Article Content: We analysed nearly 1000 hackathons across 78 countries in the world during a two-year period (from 2019 onward) and put together a Global Hackathon Report. Overall, we discern a common trend-hackathons everywhere are helping organisations battle talent scarcity, acquisition, and retention while fueling innovation across domains and functions. In this report, we discuss the hackathon format and culture and its exciting possibilities to help people adapt to the future. Hackathons are clearly helping companies go from idea to action. To know what hackathons are, how these problem-solving exercises are being used to create an impact, and why people are turning to external partners and platforms to navigate the mercurial landscape of innovation, download our full report.

Publication Date: 03/02/2021

Save Changes Cancel

Type here to search

2:51 PM 3/4/2021