

view_forum.php

```
<?php
include 'conn.php'; // Include your database connection

$forum_id = isset($_GET['forum_id']) ? (int)$_GET['forum_id'] : 0;
$page = isset($_GET['page']) ? (int)$_GET['page'] : 1;
$threadsPerPage = 10;
$offset = ($page - 1) * $threadsPerPage;

try {
    $sql = "SELECT thread_id, thread_title, created_at FROM kjak_thread WHERE
forum_id = :forum_id ORDER BY created_at DESC LIMIT :offset, :threadsPerPage";
    $stmt = $pdo->prepare($sql);
    $stmt->bindParam(':forum_id', $forum_id, PDO::PARAM_INT);
    $stmt->bindParam(':offset', $offset, PDO::PARAM_INT);
    $stmt->bindParam(':threadsPerPage', $threadsPerPage, PDO::PARAM_INT);
    $stmt->execute();
    $threads = $stmt->fetchAll();

    // Count total threads for pagination
    $sqlTotal = "SELECT COUNT(*) FROM kjak_thread WHERE forum_id = :forum_id";
    $stmtTotal = $pdo->prepare($sqlTotal);
    $stmtTotal->bindParam(':forum_id', $forum_id, PDO::PARAM_INT);
    $stmtTotal->execute();
    $totalThreads = $stmtTotal->fetchColumn();
    $totalPages = ceil($totalThreads / $threadsPerPage);
} catch (Exception $e) {
    die("Error: " . $e->getMessage());
}

// Only check for forum name if it is not in the URL.
if ($forum_name == '') {
    try {
        $sqlForum = "SELECT forum_name FROM kjak_table WHERE forum_id =
:forum_id";
        $stmtForum = $pdo->prepare($sqlForum);
        $stmtForum->execute(['forum_id' => $forum_id]);
        $forum_name = $stmtForum->fetchColumn();
    } catch (Exception $e) {
        die("Error fetching forum name: " . $e->getMessage());
    }
}

// Check if the form has been submitted
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $pdo->beginTransaction(); // Start transaction
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try {
    // Extract and sanitize input
    $forum_id = isset($_POST['forum_id']) ? (int)$_POST['forum_id'] : 0;
    $thread_title = filter_input(INPUT_POST, 'thread_title',
FILTER_SANITIZE_STRING);
    $author_name = filter_input(INPUT_POST, 'author_name',
FILTER_SANITIZE_STRING) ?? 'Anonymous'; // Default to 'Anonymous' if empty
    $post_text = filter_input(INPUT_POST, 'post_text',
FILTER_SANITIZE_STRING);
    $created_at = date('Y-m-d H:i:s');

    // Insert new thread
    $sqlThread = "INSERT INTO kjak_thread (forum_id, thread_title,
created_at) VALUES (:forum_id, :thread_title, :created_at)";
    $stmtThread = $pdo->prepare($sqlThread);
    $stmtThread->execute(['forum_id' => $forum_id, 'thread_title' =>
$thread_title, 'created_at' => $created_at]);
    $thread_id = $pdo->lastInsertId();

    // Insert opening post without image first
    $sqlPost = "INSERT INTO kjak_post (thread_id, author_name, post_text,
created_at) VALUES (:thread_id, :author_name, :post_text, :created_at)";
    $stmtPost = $pdo->prepare($sqlPost);
    $stmtPost->execute(['thread_id' => $thread_id, 'author_name' =>
$author_name, 'post_text' => $post_text, 'created_at' => $created_at]);
    $post_id = $pdo->lastInsertId();

    // Handle file upload
    if (!empty($_FILES["post_image"]["name"])) {
        $target_dir = "uploads/";
        $fileExtension = pathinfo($_FILES["post_image"]["name"],
PATHINFO_EXTENSION);
        // Extract the original filename without the extension
        $originalFilename = pathinfo($_FILES["post_image"]["name"],
PATHINFO_FILENAME);
        // Sanitize the filename to remove spaces and special characters
        $safeFilename = preg_replace("/[^a-zA-Z0-9_-]/", "",
$originalFilename);
        // Construct the new filename including the directory, the
sanitized original filename, the post ID, and the file extension
        $newFileName = $safeFilename . "_" . $post_id . "." .
$fileExtension;
        $target_file = $target_dir . $newFileName;
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        if (move_uploaded_file($_FILES["post_image"]["tmp_name"],
$target_file)) {
            // Successfully uploaded, update post record with new image
            path
            $sqlUpdatePost = "UPDATE kjak_post SET post_image =
:post_image WHERE post_id = :post_id";
            $stmtUpdatePost = $pdo->prepare($sqlUpdatePost);
            $stmtUpdatePost->execute(['post_image' => $target_file,
'post_id' => $post_id]);
        } else {
            throw new Exception("Failed to upload file.");
        }
    }

    $pdo->commit(); // Commit transaction
    header("Location: view_thread.php?thread_id=" . $thread_id .
"&forum_id=" . $forum_id); // Redirect to the newly created thread
    exit();
} catch (Exception $e) {
    $pdo->rollback(); // Rollback transaction on error
    echo "Error: " . $e->getMessage();
}
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" type="text/css" href="style.css">
    <title><?php echo htmlspecialchars($forum_name); ?></title>
</head>
<div class="nav-bar">
    <!-- "Go Back" Button -->
    <button onclick="window.location.href='index.php'">Go Back</button>
</div>
<body>
    <div id="forum" class="forum">
        <div class="small-title">Forum:</div>
        <div class="title"><?php echo htmlspecialchars($forum_name); ?></div>
    </div>
    <?php foreach ($threads as $thread): ?>
        <div class="thread">
```

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```
<a href="view_thread.php?thread_id=<?php echo
htmlspecialchars($thread['thread_id']); ?>&forum_id=<?php echo
htmlspecialchars($forum_id); ?>">
    <?php echo htmlspecialchars($thread['thread_title']); ?>
</a>
- <?php echo htmlspecialchars($thread['created_at']); ?>
</div>
<?php endforeach; ?>

<?php if ($totalPages > 1): ?>
    <nav>
        Síða:
        <?php for ($i = 1; $i <= $totalPages; $i++): ?>
            <a href="?forum_id=<?php echo $forum_id; ?>&page=<?php echo
$i; ?>"><?php echo $i; ?></a>
        <?php endfor; ?>
    </nav>
<?php endif; ?>

<!-- <a href="create_thread.php?forum_id=<?php echo $forum_id;
?>&forum_name=<?php echo urlencode($forum_name); ?>">Nýggjan Tráð</a> -->

<div class="button-form">
    <button id="toggleCreateThreadButton"
onClick="toggleThreadForm();">Vís Tráð Form</button>
</div>
<form id="toggleCreateThread" style="visibility: hidden;"
action="create_thread.php" method="post" enctype="multipart/form-data">
    <input type="hidden" name="forum_id" value="<?php echo
$_GET['forum_id']; ?>">
    <label for="thread_title">Tráð Navn:</label>
    <input type="text" id="thread_title" name="thread_title"
required><br><br>
    <label for="author_name">Títt Navn (valfrítt):</label>
    <input type="text" id="author_name" name="author_name"><br><br>
    <label for="post_text">Tekstur: </label>
    <textarea id="post_text" name="post_text" required></textarea><br><br>
    <label for="post_image">Viðheft mynd (valfrítt):</label>
    <input type="file" id="post_image" name="post_image"><br><br>
    <input type="submit" value="Stovna Tráð">
</form>
<script src="script.js"></script>
</body>
</html>
```

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