

php + mysql 数据库

1. 建立mysql数据库

```
create databases msgbook;
use msgbook;
create table msgtable (
    msg_id INT auto_increment primary key,
    msg_username VARCHAR(30) not null,
    msg_content TEXT(300) not null,
    msg_time TIMESTAMP not null default CURRENT_TIMESTAMP,
    msg_top TINYINT not null default 0,
    msg_praise TINYINT not null default 0,
    msg_report TINYINT not null default 0,
    msg_oppose TINYINT not null default 0
);
```

2. php页面

```
<!-- connect.php 连接数据库 -->
<?php
    header('Content-Type:text/html;charset=utf-8');
    $servername = 'localhost';
    $username = 'root';
    $password = 'root';
    $sql_name = 'msgbook';

    $link = @mysqli_connect( $servername, $username, $password, $sql_name) or
die('connect error!');
?>
```

```
<!-- index.php 主页面 -->

<?php
    require ('./connect.php');
?>

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8"/>
    <title>留言板</title>
</head>
<body>
    <form action="insert.php" method="post">
        <p>用户名: <input type="text" name="msg_username"/></p>
        <p>留言: <textarea name="msg_content" cols="60" rows="10"></textarea></p>
        <p><input type="submit" value="马上留言" /></p>
    </form>
    <hr/>

<?php
```

```

$page_size = 5;
$page = isset($_GET['page']) ? $_GET['page'] : 1 ;
$sql = "SELECT * FROM msgtable WHERE msg_report=0 ORDER BY msg_top
DESC,msg_id DESC";
$result = mysqli_query($link, $sql );
$rows_count = mysqli_num_rows($result);
if (!$result) {
    printf("Error: %s\n", mysqli_error($link));
    exit();
}

$page_count = ceil($rows_count / $page_size);

$start = ($page-1) * $page_size;
$sql .= " LIMIT $start,$page_size";
$result = mysqli_query($link, $sql);

while($row=mysqli_fetch_assoc($result)){
    echo "<p>{$row['msg_id']}# {$row['msg_username']} 于 {$row['msg_time']}
说: <br> {$row['msg_content']}<br>";
    echo '<a href="function.php?msg_act=delete&msg_id=' . $row['msg_id'] .
'">删除 |</a>';
    echo '<a href="modify.php?msg_id=' . $row['msg_id'] . '"> 修改 |</a>';
    if($row['msg_top']){
        echo '<a href="function.php?msg_act=canceltop&msg_id=' .
$row['msg_id'] . '"> 取消置顶 |</a>';
    } else {
        echo '<a onclick="myFunctionTop()" href="function.php?
msg_act=settop&msg_id=' . $row['msg_id'] . '"> 置顶 |</a>';
    }
    echo '<a href="function.php?msg_act=report&msg_id=' . $row['msg_id'] .
'"> 举报 |</a>';
    echo '<a href="function.php?msg_act=praise&msg_id=' . $row['msg_id'] .
'"> 点赞(' . $row['msg_praise'] . ') </a>';
    echo '<a href="function.php?msg_act=oppose&msg_id=' . $row['msg_id'] .
'"> 反对(' . $row['msg_oppose'] . ') </a>';
    echo '</p>';
}
for($i=1; $i<=$page_count; $i++) {
    echo '<a href="index.php?page='.$i.'">';
    echo ' ' . $i . ' ' ;
    echo '</a>';
}
?>

</body>
</html>

```

```

<!-- function.php 基本功能实现 -->
<?php
    header('Content-Type:text; charset=utf-8');
    require ('./connect.php');
    $msg_act = $_GET['msg_act'];

    if ( $msg_act == 'settop' )
    {
        $msg_id = $_GET['msg_id'];
    }

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$sql = "UPDATE msgtable SET msg_top=1 WHERE msg_id=$msg_id";
$result = mysqli_query($link, $sql);
if ( $result )
{
    header('Location: index.php');
}
else
{
    echo '置顶失败! <br>';
    echo mysqli_error($link).'<br>';
    echo '<a href="./index.php">回到首页! </a>';
}
}

if ( $msg_act == 'canceltop' )
{
    $msg_id = $_GET['msg_id'];
    $sql = "UPDATE msgtable SET msg_top=0 WHERE msg_id=$msg_id";
    $result = mysqli_query($link, $sql);
    if ( $result )
    {
        header('Location: index.php');
    }
    else
    {
        echo '取消置顶失败! <br>';
        echo mysqli_error($link).'<br>';
        echo '<a href="./index.php">回到首页! </a>';
    }
}

if ( $msg_act == 'report' )
{
    $msg_id = $_GET['msg_id'];
    $sql = "UPDATE msgtable SET msg_report=1 WHERE msg_id=$msg_id";
    $result = mysqli_query($link, $sql);
    if ( $result )
    {
        echo '<script>alert("举报已提交给管理员，此条消息将被隐藏! ");location.href="./index.php";</script>';
    }
    else
    {
        echo '举报失败! <br>';
        echo mysqli_error($link).'<br>';
        echo '<a href="./index.php">回到首页! </a>';
    }
}

if ( $msg_act == 'praise' )
{
    $msg_id = $_GET['msg_id'];
    $sql = "UPDATE msgtable SET msg_praise=msg_praise+1 WHERE msg_id=$msg_id";
    $result = mysqli_query($link, $sql);
    if($result){
        header('Location: index.php');
    } else {

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```

        echo '点赞失败! <br>';
        echo mysqli_error($link).'<br>';
        echo '<a href="./index.php">回到首页! </a>';
    }
}

if ( $msg_act == 'oppose' )
{
    $msg_id = $_GET['msg_id'];
    $sql = "UPDATE msgtable SET msg_oppose=msg_oppose+1 WHERE
msg_id=$msg_id";
    $result = mysqli_query($link, $sql);
    if($result){
        header('Location: index.php');
    } else {
        echo '反对失败! <br>';
        echo mysqli_error($link).'<br>';
        echo '<a href="./index.php">回到首页! </a>';
    }
}

if ( $msg_act == 'modify' )
{
    $msg_username = $_POST['msg_username'];
    $msg_content = $_POST['msg_content'];
    $msg_id = $_GET['msg_id'];
    $sql = "UPDATE msgtable SET
msg_username='$msg_username',msg_content='$msg_content' WHERE msg_id=$msg_id";
    $result = mysqli_query($link, $sql);
    if ( $result )
    {
        echo '<script>alert("恭喜你修改成功! ");location.href="./index.php";
</script>';
    }
    else
    {
        echo '修改失败! <br>';
        echo mysqli_error($link);
        echo '<a href="./index.php">回到首页! </a>';
    }
}

if ( $msg_act == 'delete' )
{
    $msg_id = $_GET['msg_id'];
    if ( !is_numeric($msg_id) )
    {
        echo "id不是数字! ";
        exit;
    }
    $sql = "DELETE FROM msgtable WHERE msg_id={$msg_id}";
    $result = mysqli_query($link,$sql);
    if ( $result )
    {
        echo '<script>alert("恭喜你删除成功! ");location.href="./index.php";
</script>';
    }
    else

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    {
        echo '删除失败! <br>';
        echo mysqli_error($link);
        echo '<a href="./index.php">回到首页! </a>';
    }
}

?>

```

```

<!-- insert.php 插入留言 -->
<?php
    header('Content-Type:text/html; charset=utf-8');
    require ('./connect.php');
    $msg_username = $_POST['msg_username'];
    $msg_content = $_POST['msg_content'];

    if ( strlen($msg_username) > 30 || strlen($msg_username) < 4 )
    {
        echo '请输入4-30个字符之间的用户名! ';
        exit;
    }
    if ( strlen($msg_content) < 1 )
    {
        echo '留言内容不能为空! ';
        exit;
    }
    $sql = "INSERT INTO msgtable (msg_username, msg_content, msg_time) VALUES
('$msg_username', '$msg_content', now())";
    $result = mysqli_query($link, $sql);
    if ( $result )
    {
        echo '<script>alert("恭喜你留言成功!");location.href="./index.php";
</script>';
    }
    else
    {
        echo "留言失败! <br>";
        echo mysqli_error($link);
        echo '<a href="./index.php">回到首页! </a>';
    }
}

?>

```

```

<!-- modify.php 修改页面 -->
<?php
    header('Content-Type:text; charset=utf-8');
    require ('./connect.php');
    $msg_id = $_GET['msg_id'];
    $sql = "SELECT * FROM msgtable WHERE msg_id=$msg_id";
    $result = mysqli_query($link, $sql);
    $row = mysqli_fetch_assoc($result);

?>

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">

```

```
<title>修改留言</title>
</head>
<body>
    <form action="function.php?msg_act=modify&msg_id='<?php echo $row['msg_id']
?>' " method="post" >

        <!-- <input name="msg_id" value="<?php echo $row['msg_id']?>" > -->
        <p>用户名: <input type="text" name="msg_username" value="<?php echo
$row['msg_username'] ?>" /></p>
        <p>留言: <textarea name="msg_content" cols="60" rows="10"><?php echo
$row['msg_content'] ?></textarea></p>
        <p><input type="submit" value="修改留言"/></p>
    </form>
</body>
</html>
```

总结

- 时间仓促, 网页目前还很简陋, 仍需完善
- 代码基本上是复制粘贴, 自己实现的比较少
- 网页响应速度比较慢
- 还需继续学习