ADVANCED DATABASE MANAGEMENT SYSTEMS LAB – MONGODB CRUD OPERATIONS(create,delete,edit,view)

Submitted To,   **Submitted By,**

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MONGODB CRUD OPERATIONS-2

Index.php

```php
<?php

  session_start();

?>

<!DOCTYPE html>

<html>

<head>

  <title> CRUD Operation using MongoDB and PHP </title>

  <link href="https://stackpath.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css"
rel="stylesheet" crossorigin="anonymous">

</head>

<body>


<div class="container">

<h1> CRUD Operation using MongoDB and PHP </h1>


<a href="create.php" class="btn btn-success">Add Book</a>


<?php


  if(isset($_SESSION['success'])){

    echo "<div class='alert alert-success'>".$_SESSION['success']."</div>";

  }


?>


<table class="table table-borderd">

  <tr>
```

```php
      <th>Name</th>

      <th>Details</th>

      <th>Action</th>

    </tr>

    <?php


    require 'config.php';


    $books = $collection->find([]);


    foreach($books as $book) {

      echo "<tr>";

      echo "<td>".$book->name."</td>";

      echo "<td>".$book->detail."</td>";

      echo "<td>";

      echo "<a href='edit.php?id=".$book->_id."' class='btn btn-primary'>Edit</a>";

      echo "<a href='delete.php?id=".$book->_id."' class='btn btn-danger'>Delete</a>";

      echo "</td>";

      echo "</tr>";

    };


    ?>

  </table>

</div>


</body>

</html>
```

Config.php

```php
<?php

  require 'vendor/autoload.php';

$collection = (new MongoDB\Client)->test123->books;

?>
```

INSERT

```php
<?php

session_start();

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

  require 'config.php';

  $insertOneResult = $collection->insertOne([

    'name' => $_POST['name'],

    'detail' => $_POST['detail'],

  ]);

  $_SESSION['success'] = "Creation of Book is successful";

  header("Location: index.php");
}

?>
```

```html
<!DOCTYPE html>

<html>

<head>

   <title> CRUD Operation using MongoDB and PHP </title>

   <link href="https://stackpath.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css"
rel="stylesheet" crossorigin="anonymous">

</head>

<body>


<div class="container">

   <h1>Create Book</h1>

   <a href="index.php" class="btn btn-primary">Back</a>


   <form method="POST">

     <div class="form-group">

       <strong>Name:</strong>

       <input type="text" name="name" required="" class="form-control" placeholder="Name">

     </div>

     <div class="form-group">

       <strong>Detail:</strong>

       <textarea class="form-control" name="detail" placeholder="Detail"
placeholder="Detail"></textarea>

     </div>

     <div class="form-group">

       <button type="submit" name="submit" class="btn btn-success">Submit</button>

     </div>

   </form>

</div>
```

```
</body>

</html>
```


EDIT

```php
<?php


session_start();


require 'config.php';


if (isset($_GET['id'])) {
```

```php
    $book = $collection->findOne(['_id' => new MongoDB\BSON\ObjectID($_GET['id'])]);

}


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


  $collection->updateOne(
     ['_id' => new MongoDB\BSON\ObjectID($_GET['id'])],
     ['$set' => ['name' => $_POST['name'], 'detail' => $_POST['detail'],]]
  );


  $_SESSION['success'] = "Updating of Book is successful";
  header("Location: index.php");
}


?>
```

```html
<!DOCTYPE html>
<html>
<head>
  <title> CRUD Operation using MongoDB and PHP </title>
  <link href="https://stackpath.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css"
rel="stylesheet" crossorigin="anonymous">
</head>
<body>


<div class="container">
  <h1>Create Book</h1>
  <a href="index.php" class="btn btn-primary">Back</a>
```

```html
    <form method="POST">

      <div class="form-group">

        <strong>Name:</strong>

        <input type="text" name="name" value="<?php echo $book->name; ?>" required=""
class="form-control" placeholder="Name">

      </div>

      <div class="form-group">

        <strong>Detail:</strong>

        <textarea class="form-control" name="detail" placeholder="Detail"
placeholder="Detail"><?php echo $book->detail; ?></textarea>

      </div>

      <div class="form-group">

        <button type="submit" name="submit" class="btn btn-success">Submit</button>

      </div>

    </form>

  </div>



</body>

</html>
```
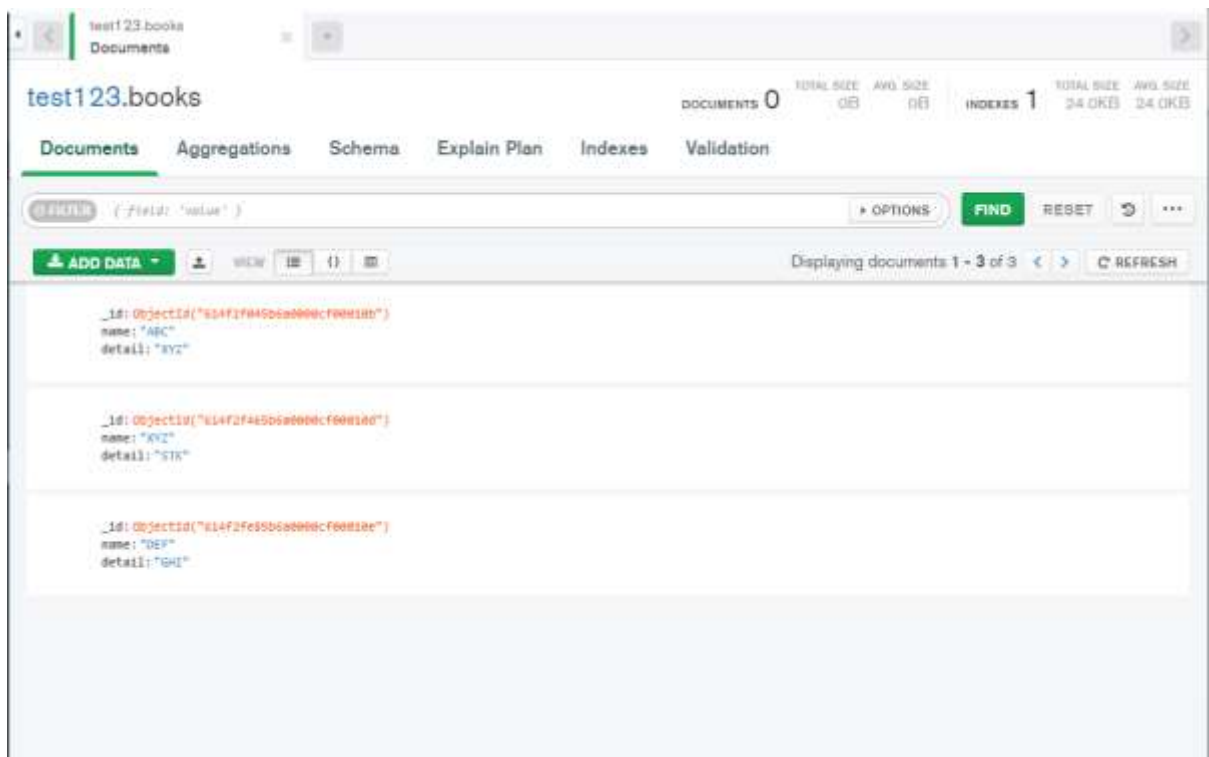
CRUD Operation using MongoDB and PHP

DELETE

```php
<?php

session_start();

require 'config.php';

if (isset($_GET['id'])) {

  $book = $collection->deleteOne(['_id' => new MongoDB\BSON\ObjectID($_GET['id'])]);
```

```php
    $_SESSION['success'] = "Deletion of Book is successful";

    header("Location: index.php");



}
```

CRUD Operation using MongoDB and PHP

Add Book

Deletion of Book is successful

Name	Details	Action
ABC	XYZ	Edit Delete
DEF	GHI	Edit Delete

test123.books

DOCUMENTS **0**   TOTAL SIZE: 0B   AVG. SIZE: 0B   INDEXES **1**   TOTAL SIZE: 24.0KB   AVG. SIZE: 24.0KB

Documents   Aggregations   Schema   Explain Plan   Indexes   Validation

`{ field: 'value' }`   ▸ OPTIONS   FIND   RESET

ADD DATA ▾   VIEW   Displaying documents 1 - 2 of 2   C REFRESH

```
_id: ObjectId("a14f2f945b6a0000cf00010b")
name: "ABC"
detail: "XYZ"

_id: ObjectId("a14f2fe05b6a0000cf00010e")
name: "DEF"
detail: "GHI"
```