

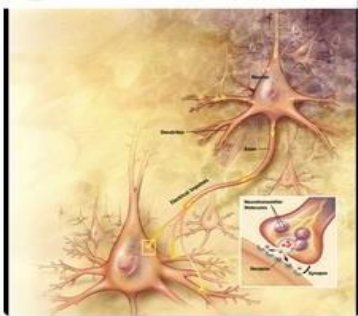
Lab #11(b)

Lab #11(b) Implement Update Operation in Laravel with GUI.

COMMAND USED	ATTRIBUTES USED	DESCRIPTION
Artisan	make:controller, make:model, make:migration, serve	In Laravel, Artisan is a command-line tool that provides a wide range of commands for various tasks related to the development and management of Laravel applications. Artisan simplifies common development tasks by automating them through command-line commands.

Final Outcome:

Editing a Bok



Book Title

ISBN no.

Author

Publisher

Edition

Category ☐ Comics
☐ Fiction
☐ History
☐ Classic
☐ Romance
☐ Horror
☐ Fantasy Fiction

Rack

Total of copy

Price

Book Cover Image

Lab #11(b)

Book Inventory

name@gmail.com | Logout

Dashboard

Books

Issue Book

User

Logout

Books

Book updated successfully

Image	Title	ISBN No	Author	Publisher	Edition	Category	Rack	Total copy	Price	Action
	Stranger Things	IS8	pop corn	20th Gen	1st Edition	Horror	5	582	Rs. 440	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
	Science	IS10	jeqn	clqude series	1st edition	History	3	30	Rs. 3000	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
	Molestiae modi offic	IS10	Deleniti dolore odio	Dolore dignissimos s	Sit pariatur Facere	History	5	64	Rs. 999	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
	Science and life	IS12	Henri Bob	Ria bio	2sd ed	Classic	5	581	Rs. 19	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

© 2023 Book Inventory

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Code Snippet:

```
@extends('layouts.app')

@section('title', 'Edit Page')
@section('content')
    <div class="container">
        @if ($errors->any())
            <div class="alert alert-danger">
                <strong>Whoops!</strong> There were some problems with your input.<br><br>
                <ul>
                    @foreach ($errors->all() as $error)
                        <li>{{ $error }}</li>
                    @endforeach
                </ul>
            </div>
        @endif
        <form action="{{ route('books.update', $book->id) }}" method="POST" enctype="multipart/form-
data">
            @csrf
            @method('PUT')
            <div class="mt-3"></div>
            <div class="card"
                style="margin-top:10px; width: 50%; left:0; right: 0; bottom: 0; top: 0; margin: auto; padding-top:
10px">
                <div class="card-body">
                    <h1 class="text-center mb-3">Editing a Bok</h1>
                    
                    <div class="mb-3 row g-2 align-items-center">
                        <div class="col-auto">
                            <label for="title" class="form-label">Book Title</label>
                        </div>
                        <div class="col-auto">
                            <input type="text" class="form-control" name="title" value="{{ $book->title }}"
id="title" placeholder="Enter the book title" required>
                        </div>
                    </div>
                    <div class="mb-3 row g-3 align-items-center">
                        <div class="col-auto">
                            <label for="formGroupExampleInput" class="form-label">ISBN no.</label>
                        </div>
                        <div class="col-auto">
                            <input type="text" class="form-control" name="isbn_no" value="{{ $book->isbn_no }}"
id="isbn_no" placeholder="Enter the book title" required>
                        </div>
                    </div>
                    <div class="mb-3 row g-4 align-items-center">
                        <div class="col-auto">
```



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```

        <label for="author" class="form-label">Author</label>
    </div>
    <div class="col-auto">
        <input type="text" class="form-control" name="author" value="{{ $book->author }}"
            id="author" placeholder="Enter the author of the book" required>
    </div>
</div>
<div class="mb-3 row g-2 align-items-center">
    <div class="col-auto">
        <label for="publisher" class="form-label">Publisher</label>
    </div>
    <div class="col-auto"><input type="text" class="form-control" name="publisher"
        value="{{ $book->publisher }}" id="publisher" placeholder="Eg. Amazon publishing">
    </div>
</div>
<div class="mb-3 row g-4 align-items-center">
    <div class="col-auto">
        <label for="edition" class="form-label">Edition</label>
    </div>
    <div class="col-auto"><input type="text" class="form-control" name="edition"
        value="{{ $book->title }}" id="edition" placeholder="Eg. 2nd Edition">
    </div>
</div>
<div class="mb-3 row g-2 align-items-center">
    <div class="col-auto">
        <label for="edition" class="form-label">Category</label>
    </div>
    <div class="col-auto">
        <div class="form-check">
            <input class="form-check-input" type="radio" name="category" id="comics"
value="Comic"
                {{ $book->category == 'Comic' ? 'checked' : '' }}>
            <label class="form-check-label" for="comics">
                Comics
            </label>
        </div>
        <div class="form-check">
            <div class="col-auto">
                <input class="form-check-input" type="radio" name="category" id="fiction"
                    value="Fiction" {{ $book->category == 'Fiction' ? 'checked' : '' }}>
            </div>
            <label class="form-check-label" for="fiction">
                Fiction
            </label>
        </div>
        <div class="form-check">
            <input class="form-check-input" type="radio" name="category" id="history"
                value="History" {{ $book->category == 'History' ? 'checked' : '' }}>

```



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```

        <label class="form-check-label" for="history">
            History
        </label>
    </div>

    <div class="form-check">
        <input class="form-check-input" type="radio" name="category" id="classic"
            value="Classic" {{ $book->category == 'Classic' ? 'checked' : '' }}>
        <label class="form-check-label" for="classic">
            Classic
        </label>
    </div>
    <div class="form-check">
        <input class="form-check-input" type="radio" name="category" id="romance"
            value="Romance" {{ $book->category == 'Romance' ? 'checked' : '' }}>
        <label class="form-check-label" for="romance">
            Romance
        </label>
    </div>
    <div class="form-check">
        <input class="form-check-input" type="radio" name="category" id="horror"
            value="Horror" {{ $book->category == 'Horror' ? 'checked' : '' }}>
        <label class="form-check-label" for="horror">
            Horror
        </label>
    </div>
    <div class="form-check">
        <input class="form-check-input" type="radio" name="category" id="fantasyFiction"
            value="Fantasy Fiction" {{ $book->category == 'Fantasy Fiction' ? 'checked' : '' }}>
        <label class="form-check-label" for="fantasyFiction">
            Fantasy Fiction
        </label>
    </div>
</div>
<div class="mb-3 row g-4 align-items-center">
    <div class="col-auto">
        <label for="floatingSelect">Rack</label>
    </div>
    <div class="col-auto">
        <select class="form-select" id="rack" name="rack">
            <option>Select Rack</option>
            @for ($i = 1; $i <= 10; $i++)
                <option value="{{ $i }}" {{ $book->rack == $i ? 'selected' : '' }}>
                    {{ $i }}
                </option>
            @endfor
        </select>
    </div>
</div>

```

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```

    </div>
  </div>
  <div class="mb-3 row g-4 align-items-center">
    <div class="col-auto">
      <label for="quantity" class="form-label">Total of copy</label>
    </div>
    <div class="col-auto">
      <input type="number" class="form-control" name="quantity" value="{{ $book->quantity
}}"/>
      id="quantity" required>
    </div>
  </div>
  <div class="mb-3 row g-4 align-items-center">
    <div class="col-auto">
      <label for="price" class="form-label">Price</label>
    </div>
    <div class="col-auto">
      <input type="number" class="form-control" name="price" value="{{ $book->price }}"
      id="price" required>
    </div>
  </div>
  <div class="mb-3 row g-4 align-items-center">
    <div class="col-auto">
      <label for="image" class="col-form-label">Book Cover Image</label>
    </div>
    <div class="col-auto">
      <input type="file" id="image" name="image" class="form-control">
    </div>
  </div>
</div>
<div class="d-flex justify-content-center gap-2 mt-3">
  <button type="" class="btn btn-danger">Cancel</button>
  <input type="submit" class="btn btn-primary" value="Update">
</div>
</form>
</div>
@endsection

```

//route—web.php:

```

Route::get('/edit-book/{id}', [BookController::class, 'edit']->name('books.edit'));
Route::put('/update-book/{book}', [BookController::class, 'update']->name('books.update'));

```

//BookController:

```

public function edit($id)
{

```

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```
$book = Book::where('id', $id)->first();
return view('books.edit', compact('book'));
}
public function update(Request $request, Book $book)
{
    $request->validate([
        'title'=> 'required',
        'author'=> 'required',
        'quantity'=> 'required',
        'isbn_no'=> 'required',
        'publisher'=> 'required',
        'edition'=> 'required',
        'category'=> 'required',
        'rack'=> 'required',
        'price' => 'required | numeric',
        'image' => 'image|mimes:jpeg,png,jpg,gif|max:2048',
    ]);

    $input = $request->all();

    if ($image = $request->file('image')) {
        $imagePath = $request->file('image')->store('books', 'public'); // Store image in 'public/books'
        directory
        $input['image'] = $imagePath;
    }else{
        unset($input['image']);
    }

    $book->update($input);

    return redirect()->route('books')->with('success', 'Book updated successfully');
}
```