

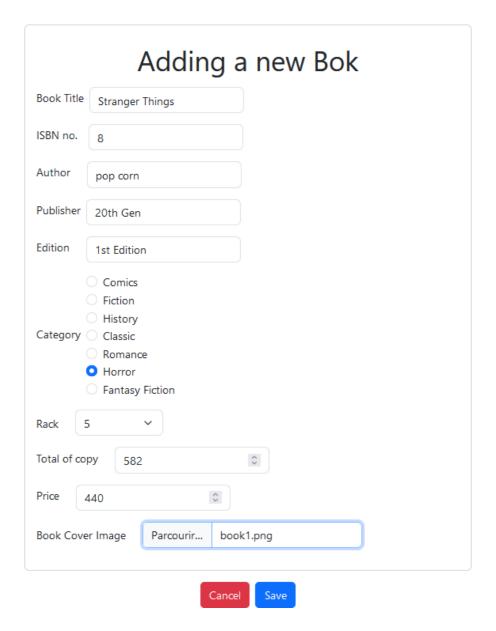
Department of Computer Engineering 01IT0701 – Advance Web Technology – Student Lab Manual

Lab #11(a)

Lab #11(a) Implement Insert Operation in Laravel with GUI.

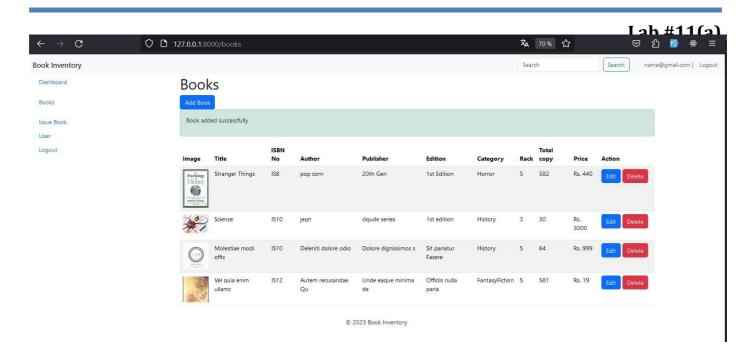
COMMAND USED	ATTRIBUTES USED	DESCRIPTION
Artisan	make:controller,	In Laravel, Artisan is a command-line tool that
	make:model,	provides a wide range of commands for various
	make:migration, serve	tasks related to the development and management
		of Laravel applications. Artisan simplifies
		common development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

Final Outcome:





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Lah #11(a)

```
Code Snippet:
```

```
<!-- resources/views/books/create.blade.php -->
@extends('layouts.app')
@section('title', 'Create 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/>br>
    \langle ul \rangle
       @foreach ($errors->all() as $error)
         {| $error } }
       @endforeach
    </div>
@endif
    <form action="{{ route('books.store') }}" method="POST" enctype="multipart/form-data">
       <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">Adding a new 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" id="title"</pre>
                   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" id="isbn_no"</pre>
                   placeholder="Enter the book title" required>
              </div>
            <div class="mb-3 row g-4 align-items-center">
              <div class="col-auto">
                 <label for="author" class="form-label">Author</label>
              </div>
```



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```
<div class="col-auto">
                 <input type="text" class="form-control" name="author" id="author"</pre>
                   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"</pre>
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">Fdition</label>
               <div class="col-auto"><input type="text" class="form-control" name="edition" id="edition"</pre>
                   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"</pre>
value="Comic">
                   <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"</pre>
value="Fiction">
                   </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"</pre>
value="History">
                   <label class="form-check-label" for="history">
                      History
```



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```
</label>
                 </div>
                 <div class="form-check">
                   <input class="form-check-input" type="radio" name="category" id="classic"</pre>
value="Classic">
                   <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"</pre>
value="Romance">
                   <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"</pre>
value="Horror">
                   <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"</pre>
value="FantasyFiction">
                   <label class="form-check-label" for="fantasyFiction">
                      Fantasy Fiction
                   </label>
                 </div>
              </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 selected>Select Rack</option>
                    @ for (\$i = 1; \$i \le 10; \$i++)
                      <option value='{{ $i }}'>
                        {{ $i }}
                      </option>
                   @endfor
                 </select>
              </div>
            </div>
```



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```
<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" 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" 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>
       <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="Save">
       </div>
     </form>
  </div>
@endsection
//route -web.php:
Route::get('/add-book',[Bookcontroller::class, 'create'])->name('books.create');
Route::post('/store-book', [BookController::class, 'store'])->name('books.store');
//BookController;
public function create()
    return view('books.create');
public function store(Request $request)
```



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```
$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', // Validate image format and size
    1);
    $book = new Book();
    $book->title = $request->input('title');
    $book->author = $request->input('author');
    $book->quantity = $request->input('quantity');
    $book->isbn_no = $request->input('isbn_no');
    $book->publisher = $request->input('publisher');
    $book->edition = $request->input('edition');
    $book->category = $request->input('category');
    $book->rack = $request->input('rack');
    $book->price = $request->input('price');
    if ($request->hasFile('image')) {
       $imagePath = $request->file('image')->store('books', 'public'); // Store image in 'public/books'
directory
       $book->image = $imagePath;
    $book->save();
    return redirect()->route('books')->with('success', 'Book added successfully');
  }
```