**1. Open CMD & go to your web-root**

C:\> cd C:\xampp\htdocs

**2. Create a fresh Laravel 10 project**

C:\xampp\htdocs> composer create-project laravel/laravel SampleLvl

**3. Enter your project folder**

C:\xampp\htdocs> cd SampleLvl

**4. Create the MySQL database (via phpMyAdmin or CLI)**

**phpMyAdmin**: <http://localhost/phpmyadmin> → New → samplelvl → Create  
**CLI**:

cd C:\xampp\mysql\bin

mysql -u root -p

CREATE DATABASE samplelvl;

EXIT;

**5. Configure .env**

Open SampleLvl\.env and set:

DB\_CONNECTION=mysql

DB\_HOST=127.0.0.1

DB\_PORT=3306

DB\_DATABASE=samplelvl

DB\_USERNAME=root

DB\_PASSWORD=

Save.

**6. Run Laravel’s default migrations**

C:\xampp\htdocs\SampleLvl> php artisan migrate

**7. Generate Book model, migration, controller**

C:\xampp\htdocs\SampleLvl> php artisan make:model Book -mcr

**8. Edit the Books migration**

Open database/migrations/\*\_create\_books\_table.php and inside Schema::create('books', …) use:

$table->id();

$table->string('name');

$table->string('author');

$table->decimal('price', 8, 2);

$table->timestamps();

Save.

**9. Run the new migration**

C:\xampp\htdocs\SampleLvl> php artisan migrate

**10. Allow mass assignment**

Open app/Models/Book.php and add:

protected $fillable = ['name','author','price'];

**11. Create your views folder**

C:\xampp\htdocs\SampleLvl> mkdir resources\views\books

**12. Create the layout (for Bootstrap)**

File: resources/views/layout.blade.php

<!DOCTYPE html>

<html>

<head>

<title>Book App</title>

<link

rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"

>

</head>

<body>

<div class="container mt-5">

@yield('content')

</div>

</body>

</html>

**13. Register the resource route**

In routes/web.php add:

use App\Http\Controllers\BookController;

Route::get('/', fn() => view('welcome'));

Route::resource('books', BookController::class);

**14. Implement missing create() in Controller**

In app/Http/Controllers/BookController.php make sure you have:

public function create()

{

return view('books.create');

}

**15. Build & style the Create and Edit forms**

**Create (resources/views/books/create.blade.php)**

@extends('layout')

@section('content')

<div class="card p-4 shadow-sm">

<h2 class="mb-4">Add New Book</h2>

@if(session('success'))

<div class="alert alert-success">{{ session('success') }}</div>

@endif

@if($errors->any())

<div class="alert alert-danger"><ul class="mb-0">

@foreach($errors->all() as $e)<li>{{ $e }}</li>@endforeach

</ul></div>

@endif

<form action="{{ route('books.store') }}" method="POST">

@csrf

<div class="form-group mb-3">

<label for="name">Name:</label>

<input id="name" name="name" class="form-control" placeholder="Enter book name">

</div>

<div class="form-group mb-3">

<label for="author">Author:</label>

<input id="author" name="author" class="form-control" placeholder="Enter author">

</div>

<div class="form-group mb-4">

<label for="price">Price:</label>

<input id="price" name="price" class="form-control" placeholder="Enter price">

</div>

<button class="btn btn-success">Save</button>

</form>

</div>

@endsection

**Edit (resources/views/books/edit.blade.php)**

@extends('layout')

@section('content')

<div class="card p-4 shadow-sm">

<h2 class="mb-4">Edit Book #{{ $book->id }}</h2>

@if(session('success'))

<div class="alert alert-success">{{ session('success') }}</div>

@endif

@if($errors->any())

<div class="alert alert-danger"><ul class="mb-0">

@foreach($errors->all() as $e)<li>{{ $e }}</li>@endforeach

</ul></div>

@endif

<form action="{{ route('books.update', $book) }}" method="POST">

@csrf @method('PUT')

<div class="form-group mb-3">

<label>Name:</label>

<input name="name" value="{{ $book->name }}" class="form-control">

</div>

<div class="form-group mb-3">

<label>Author:</label>

<input name="author" value="{{ $book->author }}" class="form-control">

</div>

<div class="form-group mb-4">

<label>Price:</label>

<input name="price" value="{{ $book->price }}" class="form-control">

</div>

<button class="btn btn-success">Update Book</button>

</form>

</div>

@endsection

**16. Style and build the Index page**

File: resources/views/books/index.blade.php

@extends('layout')

@section('content')

<h2>All Books</h2>

@if(session('success'))

<div class="alert alert-success">{{ session('success') }}</div>

@endif

<a href="{{ route('books.create') }}" class="btn btn-primary mb-3">Add New Book</a>

<table class="table table-bordered table-striped">

<thead class="thead-dark">

<tr>

<th>ID</th><th>Name</th><th>Author</th><th>Price</th><th>Action</th>

</tr>

</thead>

<tbody>

@foreach($books as $b)

<tr>

<td>{{ $b->id }}</td>

<td>{{ $b->name }}</td>

<td>{{ $b->author }}</td>

<td>{{ $b->price }}</td>

<td>

<a href="{{ route('books.edit',$b) }}" class="btn btn-warning btn-sm">Edit</a>

<form action="{{ route('books.destroy',$b) }}" method="POST" class="d-inline">

@csrf @method('DELETE')

<button class="btn btn-danger btn-sm">Delete</button>

</form>

</td>

</tr>

@endforeach

</tbody>

</table>

@endsection

🚀 **Done!** Share these steps with your friends — they’ll get the exact same working, styled CRUD app you now have. Good luck!