

# Laravel for Beginners

## 05

Create and store a new Song

# Create a new song

- Add these two routes to the web.php and check both routes in the routing table:

```
Route::get('songs/create', 'SongController@create')->name('songs.create');
Route::post('songs', 'SongController@store')->name('songs.store');
```

- Add this line to the index.blade.php after the table:

```
<a href="{{ route('songs.create') }}">Create</a>
```

- Implement the create() and store() methods:

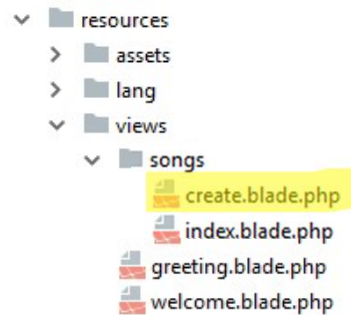
```
public function create()
{
    return view('songs.create');
}
```

```
public function store(Request $request)
{
    $song = new Song();
    $song->title = $request->title;
    $song->artist = $request->artist;
    $song->album = $request->album;
    $song->save();

    return redirect()->route('songs.index')
        ->with('songs', Song::all());
}
```

# Create-View

- Create the create.blade.php in the folder /resources/views/songs:



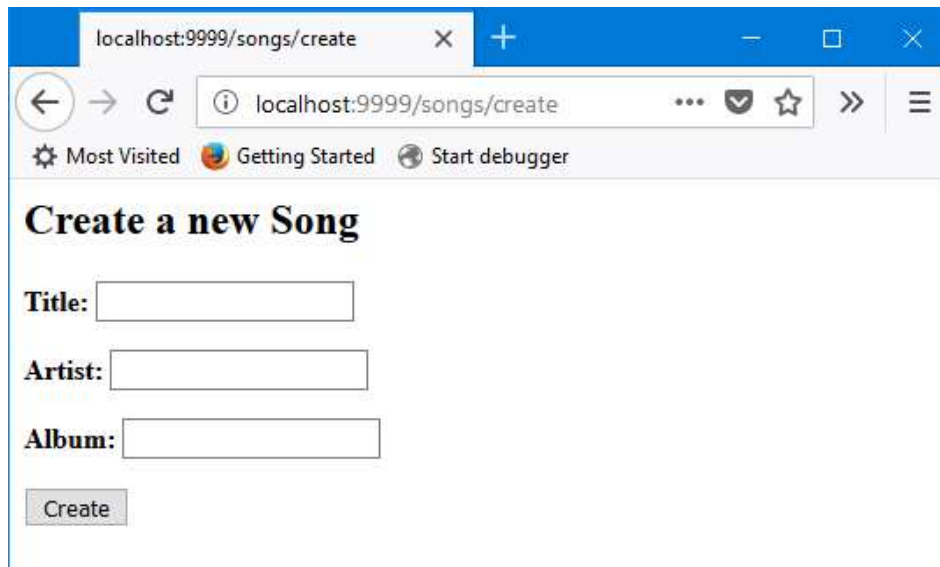
- The code of the create.blade.php view should look like this:

```
<html>
<body>
<h2>Create a new Song</h2>
<form method="post" action="{{ route('songs.store') }}">
  @csrf
  <p>
    <strong>Title:</strong>
    <input type="text" name="title"/>
  </p>
  <p>
    <strong>Artist:</strong>
    <input type="text" name="artist"/>
  </p>
  <p>
    <strong>Album:</strong>
    <input type="text" name="album"/>
  </p>
  <p>
    <button type="submit">Create</button>
  </p>
</form>
</body>
</html>
```

- Don't forget the @csrf in the form! It protects the application from cross-site request forgery attacks.

# Create-View

- If you click on the create-link in the index.blade.php you should see the form of the create-view like this:



The screenshot shows a web browser window with the address bar displaying 'localhost:9999/songs/create'. The page content includes a heading 'Create a new Song' followed by three input fields labeled 'Title:', 'Artist:', and 'Album:'. Below these fields is a 'Create' button.

**Create a new Song**

Title:

Artist:

Album:

# Checking the Routing Table

- Always check the routing table to be shure that all defined routes are correct:

```
php artisan route:list
```

```
D:\MyLaravelProjects\LaravelBasics01>php artisan route:list
```

Domain	Method	URI	Name	Action	Middleware
	GET HEAD	/		Closure	web
	GET HEAD	api/user		Closure	api,auth:api
	GET HEAD	hello		App\Http\Controllers\MyFirstController@sayHello	web
	GET HEAD	songs	songs.index	App\Http\Controllers\SongController@index	web
	POST	songs	songs.store	App\Http\Controllers\SongController@store	web
	GET HEAD	songs/create	songs.create	App\Http\Controllers\SongController@create	web

