Concordia Student Directory Project Documentation

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# 1. Commands Used

* laravel new Concordia40215672
* php artisan make:model City -m
* php artisan make:model Student -m
* php artisan make:controller StudentController --resource
* php artisan make:factory StudentFactory --model=Student
* php artisan make:seeder CitySeeder
* php artisan migrate
* php artisan db:seed
* php artisan serve
* git init
* git remote add origin https://github.com/AdrianoSilvestre808/Concordia-Student-Directory.git
* git add .
* git commit -m "Initial commit"
* git branch -M main
* git push -u origin main

# 2. GitHub Repository Link

GitHub Repo: https://github.com/AdrianoSilvestre808/Concordia-Student-Directory

# 3. Pages Summary

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| --- | --- | --- |
| Route | View File | Description |
| / | index.blade.php | Displays the list of all students |
| /students/create | create.blade.php | Form to create a new student entry |
| /students/{id} | show.blade.php | Displays details of a selected student |
| /students/{id}/edit | edit.blade.php | Form to edit an existing student |

# 4. Project Highlights

- The project uses Laravel 12.x and PHP 8.2.

- A `layout.blade.php` file provides consistent styling and layout.

- Views use Bootstrap 5 and Google Fonts for a modern UI.

- CRUD operations (Create, Read, Update, Delete) are fully functional.

- Form validation is implemented for both create and edit forms.

- Database seeding includes 15 cities and 100 randomly generated students.

- All data relationships and foreign key constraints are respected.

- The project has been pushed to a public GitHub repository.