**Laravel Restaurant Project Documentation**

**Project:** Restaurant Management System

**Developer:** [Your Name]

**Date:** [Current Date]

**Note:** All amounts shown in Canadian Dollars (CAD)

**1. Project Setup Commands**

# Create new Laravel project

composer create-project laravel/laravel restaurant\_management

# Navigate to project

cd restaurant\_management

# Install Bootstrap & Icons

composer require laravel/ui

php artisan ui bootstrap

npm install bootstrap @popperjs/core bootstrap-icons --save-dev

npm run dev

# Create authentication (optional)

php artisan make:auth

**2. Key Controllers Created**

|  |  |
| --- | --- |
| **Controller** | **Command** |
| SiteController | php artisan make:controller SiteController |
| OrderController | php artisan make:controller OrderController |
| CustomerController | php artisan make:controller CustomerController |
| ContactController | php artisan make:controller ContactController |
| DashboardController | php artisan make:controller DashboardController |

**3. Database Setup (Optional)**

# Create migrations

php artisan make:migration create\_orders\_table

php artisan make:migration create\_customers\_table

# Run migrations

php artisan migrate

**4. GitHub Repository Setup**

# Initialize Git

git init

# Create .gitignore

echo "/vendor" >> .gitignore

echo "/.env" >> .gitignore

# Commit initial code

git add .

git commit -m "Initial Laravel restaurant project setup"

# Create GitHub repo and push

git remote add origin https://github.com/[your-username]/restaurant-management.git

git branch -M main

git push -u origin main

**5. Key Routes (routes/web.php)**

// Dashboard

Route::get('/', [DashboardController::class, 'index'])->name('dashboard');

// Orders

Route::get('/orders', [OrderController::class, 'index'])->name('orders');

// Customers

Route::get('/customers', [CustomerController::class, 'index'])->name('customers');

// Contact Form

Route::get('/contact', [ContactController::class, 'show'])->name('contact');

Route::post('/contact', [ContactController::class, 'submit'])->name('contact.submit');

**6. Dashboard Features**

* Today's Orders (24)
* Active Reservations (8)
* Menu Items (42)
* Total Sales ($1,245.50 CAD)
* Lost Sales ($245.75 CAD)
* Cash Payments ($875.25 CAD)
* Interactive Weekly Sales Chart

**7. GitHub Repository**

**Repository Link:** [https://github.com/[your-username]/restaurant-management](https://github.com/%5byour-username%5d/restaurant-management)

**8. Project Structure**

restaurant\_management/

├── app/

│ ├── Http/Controllers/

│ │ ├── ContactController.php

│ │ ├── DashboardController.php

│ │ └── ...

├── resources/

│ ├── views/

│ │ ├── layouts/

│ │ ├── pages/

│ │ │ ├── dashboard.blade.php

│ │ │ ├── orders.blade.php

│ │ │ └── ...

├── routes/

│ └── web.php

└── public/

├── css/

└── js/

**9. Next Steps**

* Database integration
* User authentication system
* Email notification setup
* Inventory management module
* Reporting features