

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/[your-username]/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