|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| Basic setup | | | |
|  |  |  |  |
|  |  | composer global require laravel/installer |  |
|  |  | laravel new inventory-shop-11 | None kit |
|  |  |  |  |
|  |  | Php artisan install:api |  |
|  | Bootstrap/app.php | ->withMiddleware(function (Middleware $middleware) {  $middleware->validateCsrfTokens(except: [  '\*'  ]);  }) | CSRF Disable check purpose Postman |
| **User method** | | | |
| Registration | | | |
|  |  | php artisan make:controller UserController | cmd |
|  | User migration modify | [User migration](database/migrations/0001_01_01_000000_create_users_table.php) |  |
|  | User model modify | [User model](app/Models/User.php) |  |
|  |  | [UserRegistration](app/Http/Controllers/UserController.php) method |  |
|  | Web/ api | Route::post('/user-registration', [UserController::class, 'userRegistration'])->name('userRegistration'); |  |
|  |  |  |  |
| Login | | | |
|  |  |  |  |
|  |  | composer require firebase/php-jwt | cmd |
|  |  | App/Helper |  |
|  | Secreate toeken | JWT\_KEY=123XYSPOHBN7864Wlkp | .env |
|  |  | [CreateToken](app/Helper/JWTToken.php) method | JWTToken.php |
|  |  | [UserLogin](app/Http/Controllers/UserController.php) method | UserController.php |
|  | Web & API | Route::post('/user-login', [UserController::class, 'userLogin'])->name('userLogin'); | Check postman |
|  | | | |
|  |  | [UserLogout](app/Http/Controllers/UserController.php) method | UserController.php |
|  | Web | Route::get('/logout', [UserController::class, 'userLogout'])->name('userLogout'); | Check postman |
| send-otp | | | |
|  |  | Php artisan make:mail OTPMail | cmd |
|  |  | Mail[/ OTPMail](app/Mail/OTPMail.php).php |  |
|  | View | email/ [OTPMail](resources/views/email/OTPMail.blade.php).blade.php |  |
|  | .env | MAIL\_MAILER=smtp  MAIL\_HOST=sandbox.smtp.mailtrap.io  MAIL\_PORT=2525  MAIL\_USERNAME=53ecad6e321186  MAIL\_PASSWORD=a86f9e136620f6  MAIL\_FROM\_NAME="Sales Inventory Practice API" | configuration |
|  |  | [SendOTPCode](app/Http/Controllers/UserController.php) method | UserController.php |
|  | Web & API | Route::post('/send-otp', [UserController::class, 'SendOTPCode'])->name('SendOTPCode'); |  |
|  |  |  |  |
| **VerifyOTP** | | | |
|  |  | [CreateTokenForSetPassword](app/Helper/JWTToken.php) method | App/Helper.php |
|  |  | [VerifyOTP](app/Http/Controllers/UserController.php) method | UserController.php |
|  | Web & API | Route::post('/verify-otp', [UserController::class, 'VerifyOTP'])->name('VerifyOTP'); |  |
|  |  |  |  |
| reset-password | | | |
|  |  | [VerifyToken](app/Helper/JWTToken.php) method | App/Helper.php |
|  |  | Php artisan make:middleware TokenVerificationMiddleware | cmd |
|  |  | Php artisan make:middleware TokenVerificationAPIMiddleware |
|  |  | [TokenVerificationMiddleware](app/Http/Middleware/TokenVerificationMiddleware.php) & [TokenVerificationAPIMiddleware](app/Http/Middleware/TokenVerificationAPIMiddleware.php) | class |
|  |  | [ResetPassword](app/Http/Controllers/UserController.php) method | UserController.php |
|  | Web | Route::post('/reset-password',[UserController::class,'ResetPassword'])->middleware([TokenVerificationMiddleware::class]); |  |
|  | API | Route::post('/reset-password',[UserController::class,'ResetPassword'])->middleware([TokenVerificationAPIMiddleware::class]); |  |
|  |  |  |  |
| UserProfile | | | |
|  |  | [UserProfile](app/Http/Controllers/UserController.php) method | UserController.php |
|  | Web | Route::get('/user-profile',[UserController::class,'UserProfile'])->middleware([TokenVerificationMiddleware::class]); |  |
|  | API | Route::get('/user-profile',[UserController::class,'UserProfile'])->middleware([TokenVerificationAPIMiddleware::class]); |  |
|  |  |  |  |
| UpdateProfile | | | |
|  |  | [UpdateProfile](app/Http/Controllers/UserController.php) method | UserController.php |
|  | Web | Route::post('/user-update',[UserController::class,'UpdateProfile'])->middleware([TokenVerificationMiddleware::class]); |  |
|  | API | Route::get('/user-profile',[UserController::class,'UserProfile'])->middleware([TokenVerificationAPIMiddleware::class]); |  |
|  |  |  |  |
| Category | | | |
|  |  | php artisan make:migration categories | cmd |
|  |  | php artisan make:model Category |
|  |  | php artisan make:controller CategoryController |
|  |  | [2025\_01\_19\_131909\_categories](database/migrations/2025_01_19_131909_categories.php).php |  |
|  |  | [Category](app/Models/Category.php) Model |  |
|  |  | Php artisan migrate | cmd |
|  |  |  |  |
|  |  | [CategoryCreate](app/Http/Controllers/CategoryController.php) Method | CategoryController |
|  | Web | Route::post("/create-category",[CategoryController::class,'CategoryCreate'])->middleware([TokenVerificationMiddleware::class]); |  |
|  | API | Route::post("/create-category",[CategoryController::class,'CategoryCreate'])->middleware([TokenVerificationAPIMiddleware::class]); |  |
|  |  |  |  |
|  |  | [CategoryList](app/Http/Controllers/CategoryController.php) Method | CategoryController |
|  | Web | Route::get("/list-category",[CategoryController::class,'CategoryList'])->middleware([TokenVerificationMiddleware::class]); |  |
|  | API | Route::get("/list-category",[CategoryController::class,'CategoryList'])->middleware([TokenVerificationAPIMiddleware::class]); |  |
|  |  |  |  |
|  |  | [CategoryByID](app/Http/Controllers/CategoryController.php) Method | CategoryController |
|  | Web | Route::post("/category-by-id",[CategoryController::class,'CategoryByID'])->middleware([TokenVerificationMiddleware::class]); |  |
|  | API | Route::post("/category-by-id",[CategoryController::class,'CategoryByID'])->middleware([TokenVerificationAPIMiddleware::class]); |  |
|  |  |  |  |
|  |  |  |  |
|  |  | [CategoryUpdate](app/Http/Controllers/CategoryController.php) Method | CategoryController |
|  | Web | Route::post("/update-category",[CategoryController::class,'CategoryUpdate'])->middleware([TokenVerificationMiddleware::class]); |  |
|  | API | Route::post("/update-category",[CategoryController::class,'CategoryUpdate'])->middleware([TokenVerificationAPIMiddleware::class]); |  |
|  |  |  |  |
|  |  |  |  |
|  |  | CategoryDelete Method | CategoryController |
|  | Web | Route::post("/delete-category",[CategoryController::class,'CategoryDelete'])->middleware([TokenVerificationMiddleware::class]); |  |
|  | API | Route::post("/delete-category",[CategoryController::class,'CategoryDelete'])->middleware([TokenVerificationAPIMiddleware::class]); |  |
|  |  |  |  |
|  |  |  |  |
| **Customer** | | | |
|  |  | php artisan make:model Customer | cmd |
|  |  | php artisan make:migration customers |
|  |  | php artisan make:controller CustomerController |
|  |  |  |  |
|  |  | [2025\_01\_21\_151603\_customers](database/migrations/2025_01_21_151603_customers.php).php | modify |
|  | Model | [Customer](app/Models/Customer.php).php | modify |
|  |  | Php artisan migrate | cmd |
|  |  | [CustomerCreate](app/Http/Controllers/CustomerController.php) method | CustomerController |
|  | Web | Route::post("/create-customer",[CustomerController::class,'CustomerCreate'])->middleware([TokenVerificationMiddleware::class]); |  |
|  | API | Route::post("/create-customer",[CustomerController::class,'CustomerCreate'])->middleware([TokenVerificationAPIMiddleware::class]); | Not working |
|  |  |  |  |
| **Product** | | | |
| **Create** | | | |
|  |  | php artisan make:model Product | cmd |
|  |  | php artisan make:migration products |
|  |  | php artisan make:controller ProductController |
|  |  | Uploads | Make folder inside of public folder |
|  |  | [2025\_01\_21\_151603\_customers](database/migrations/2025_01_21_151603_customers.php).php | modify |
|  | Model | [Product](app/Models/Product.php).php | modify |
|  |  | Php artisan migrate | cmd |
|  |  | [CreateProduct](app/Http/Controllers/ProductController.php) method | ProductController |
|  | Web | Route::post("/create-product",[ProductController::class,'CreateProduct'])->middleware([TokenVerificationMiddleware::class]); |  |
|  |  |  |  |
|  |  |  |  |
|  |  | **ProductList** |  |
|  |  | [ProductList](app/Http/Controllers/ProductController.php) Method | ProductController |
|  | Web | Route::get("/list-product",[ProductController::class,'ProductList'])->middleware([TokenVerificationMiddleware::class]); |  |
|  | API | Route::get("/list-product",[ProductController::class,'ProductList'])->middleware([TokenVerificationAPIMiddleware::class]); |  |
|  |  |  |  |
|  |  |  |  |
|  |  | Single product |  |
|  |  | [ProductByID](app/Http/Controllers/ProductController.php) Method | ProductList Method |
|  | Web | Route::post("/product-by-id",[ProductController::class,'ProductByID'])->middleware([TokenVerificationMiddleware::class]); |  |
|  | API | Route::post("/product-by-id",[ProductController::class,'ProductByID'])->middleware([TokenVerificationAPIMiddleware::class]); |  |
|  |  |  |  |
|  |  |  |  |
|  |  | **Delete** |  |
|  |  | [DeleteProduct](app/Http/Controllers/ProductController.php) Method | ProductList Method |
|  | Web | Route::post("/delete-product",[ProductController::class,'DeleteProduct'])->middleware([TokenVerificationMiddleware::class]); |  |
|  | API | Route::post("/delete-product",[ProductController::class,'DeleteProduct'])->middleware([TokenVerificationAPIMiddleware::class]); |  |
|  |  |  |  |
|  |  |  |  |
|  |  | **UpdateProduct** |  |
|  |  | [UpdateProduct](app/Http/Controllers/ProductController.php)  Method | ProductList Method |
|  | Web | Route::post("/update-product",[ProductController::class,'UpdateProduct'])->middleware([TokenVerificationMiddleware::class]); |  |
|  | API | Route::post("/update-product",[ProductController::class,'UpdateProduct'])->middleware([TokenVerificationAPIMiddleware::class]); |  |
|  |  |  |  |
|  |  | **Invoice** |  |
|  |  |  |  |
|  |  | php artisan make:migration invoices | laravel 10 migration |
|  |  | php artisan make:migration invoice\_products |
|  |  |  |  |
|  |  | php artisan make:migration create\_flights\_table | laravel 11 migration |
|  |  | php artisan make:model InvoiceProduct -m | laravel 11 model + migration |
|  |  |  |  |
|  |  | [2025\_01\_28\_184939\_invoices](database/migrations/2025_01_28_184939_invoices.php).php & [2025\_01\_28\_185018\_invoice\_products](database/migrations/2025_01_28_185018_invoice_products.php).php |  |
|  |  |  |  |
|  |  | php artisan make:model Invoice | model |
|  |  | php artisan make:model InvoicePorduct |
|  |  | [Invoice](app/Models/Invoice.php).php & [InvoicePorduct](app/Models/InvoicePorduct.php).php |  |
|  |  | php artisan migrate | cmd |
|  |  |  |  |
|  |  | php artisan make:controller InvoiceController | controller |
|  |  |  |  |
|  |  | [invoiceCreate](app/Http/Controllers/InvoiceController.php) Method | controller |
|  |  |  |  |
|  | Web | Route::post("/invoice-create",[InvoiceController::class,'invoiceCreate'])->middleware([TokenVerificationMiddleware::class]); |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |