

Routing Documentation for Laravel Application

Overview

This document outlines the routing structure of the Laravel application, detailing the public and protected routes, including their respective controllers and middleware.

Route Structure

1. Public Routes

These routes are accessible to all users, including guests.

- **Authentication Routes**
 - **Method:** GET
 - **Endpoint:** /login
 - **Controller:** Auth
 - **Description:** Displays the login form.
- **Front Controller Routes**
 - **Homepage**
 - **Method:** GET
 - **Endpoint:** /
 - **Controller:** FrontController@index
 - **Name:** home
 - **About Page**
 - **Method:** GET
 - **Endpoint:** /about
 - **Controller:** FrontController@about
 - **Name:** about
 - **Contact Page**
 - **Method:** GET
 - **Endpoint:** /contact
 - **Controller:** FrontController@contact
 - **Name:** contact
 - **Faculties Page**

- **Method:** GET
- **Endpoint:** /faculties
- **Controller:** FrontController@faculties
- **Name:** faculties

2. Protected Routes

These routes are accessible only to authenticated users who have verified their email addresses.

Student Routes

- **Base URL:** /student
 - **Dashboard**
 - **Method:** GET
 - **Endpoint:** /
 - **Controller:** StudentController@index
 - **Name:** student
 - **Education Submission**
 - **Method:** POST
 - **Endpoint:** /education
 - **Controller:** StudentController@toeducation
 - **Name:** student.education
 - **Desider Submission**
 - **Method:** POST
 - **Endpoint:** /desider
 - **Controller:** StudentController@todesider
 - **Name:** student.desider
 - **Store Student Data**
 - **Method:** POST
 - **Endpoint:** /store
 - **Controller:** StudentController@store
 - **Name:** student.store
- **Profile**

- **Method:** GET
- **Endpoint:** /profile
- **Controller:** StudentController@profile
- **Name:** profile

3. Admin Routes

These routes are accessible only to admin users with specific authentication.

Admin Authentication Routes

- **Base URL:** /admin
 - **Login**
 - **Method:** GET
 - **Endpoint:** /login
 - **Controller:** AdminLoginController@login
 - **Name:** admin.login
 - **Logout**
 - **Method:** GET
 - **Endpoint:** /logout
 - **Controller:** AdminLoginController@logout
 - **Name:** admin.logout
 - **Connect**
 - **Method:** POST
 - **Endpoint:** /connect
 - **Controller:** AdminLoginController@connect
 - **Name:** admin.connect

Admin Dashboard and Management

- **Dashboard**
 - **Method:** GET
 - **Endpoint:** /dashboard
 - **Controller:** AdminsController@index
 - **Name:** admin.dashboard

Faculty Management Routes

- **Base URL:** /admin/faculty
 - **Index**
 - **Method:** GET
 - **Endpoint:** /
 - **Controller:** FacultyController@index
 - **Name:** faculty.index
 - **Create Faculty**
 - **Method:** GET
 - **Endpoint:** /create
 - **Controller:** FacultyController@create
 - **Name:** faculty.create
 - **Store Faculty**
 - **Method:** POST
 - **Endpoint:** /store
 - **Controller:** FacultyController@store
 - **Name:** faculty.store
 - **Edit Faculty**
 - **Method:** GET
 - **Endpoint:** /edit/{id}
 - **Controller:** FacultyController@edit
 - **Name:** faculty.edit
 - **Delete Faculty**
 - **Method:** GET
 - **Endpoint:** /delete/{id}
 - **Controller:** FacultyController@delete
 - **Name:** faculty.delete
 - **Update Faculty**
 - **Method:** POST

- **Endpoint:** /update
- **Controller:** FacultyController@update
- **Name:** faculty.update

IP Management Routes

- **Base URL:** /admin/ip
 - **Index**
 - **Method:** GET
 - **Endpoint:** /
 - **Controller:** WhiteListController@index
 - **Name:** ip.index
 - **Create IP Entry**
 - **Method:** GET
 - **Endpoint:** /create
 - **Controller:** WhiteListController@create
 - **Name:** ip.create
 - **Store IP Entry**
 - **Method:** POST
 - **Endpoint:** /store
 - **Controller:** WhiteListController@store
 - **Name:** ip.store
 - **Delete IP Entry**
 - **Method:** GET
 - **Endpoint:** /delete/{id}
 - **Controller:** WhiteListController@delete
 - **Name:** ip.delete

Admin Management Routes

- **Base URL:** /admin/admins
 - **Show Admins**
 - **Method:** GET

- **Endpoint:** /
- **Controller:** AdminsController@show
- **Name:** admins.show
- **Show Users**
 - **Method:** GET
 - **Endpoint:** /users
 - **Controller:** AdminsController@usershow
 - **Name:** users.show
- **Create Admin**
 - **Method:** GET
 - **Endpoint:** /create
 - **Controller:** AdminsController@create
 - **Name:** admins.create
- **Delete Admin**
 - **Method:** GET
 - **Endpoint:** /delete/{id}
 - **Controller:** AdminsController@delete
 - **Name:** admins.delete
- **Store Admin**
 - **Method:** POST
 - **Endpoint:** /store
 - **Controller:** AdminsController@store
 - **Name:** admins.store
- **Edit Admin**
 - **Method:** GET
 - **Endpoint:** /edit/{id}
 - **Controller:** AdminsController@edit
 - **Name:** admins.edit
- **Update Admin**

- **Method:** POST
- **Endpoint:** /update
- **Controller:** AdminsController@update
- **Name:** admins.update

4. Email Verification Routes

These routes manage email verification for users.

- **Verify Email**
 - **Method:** GET
 - **Endpoint:** /email/verify/{id}/{hash}
 - **Controller:** VerificationController@verify
 - **Name:** verification.verify
- **Resend Verification Email**
 - **Method:** POST
 - **Endpoint:** /email/resend
 - **Controller:** VerificationController@resend
 - **Name:** verification.resend

5. Miscellaneous Routes

- **Get Client IP**
 - **Method:** GET
 - **Endpoint:** /get_ip
 - **Description:** Returns the client's IP address.

Middleware

- **auth:** Ensures the user is authenticated.
- **verified:** Ensures the user's email is verified.
- **AdminAuth:** Ensures the user is authenticated as an admin.
- **AdminLoginAuth:** Ensures the user is logged in as an admin.