Name: Yezsha T. Narvaez Course & block: BSIT-3C Web Development

1. app/: Contains the core application code.

Subdirectories/Files:

Console/: Contains custom Artisan commands.

Exceptions/: Handles application exceptions and error handling.

Http/: Contains controllers, middleware, and form requests.

Controllers/: Holds controller classes that handle incoming requests.

Middleware/: Contains middleware that filters HTTP requests entering your application.

Requests/: Houses form request validation logic.

Models/: Contains Eloquent models that represent database tables.

Providers/: Contains service providers that bootstrap the application.

2. **bootstrap/**: Contains files for bootstrapping the application.

Subdirectories/Files:

app.php: Initializes the Laravel application.

cache/: Stores cached files, such as configuration and routes.

3. **config/:** Holds configuration files for the application.

Files:

app.php: Application configuration, including the environment and debug settings.

database.php: Database connection settings.

mail.php: Email configuration settings.

session.php: Session management configuration.

4. Database/: Manages database schema and data.

Subdirectories/Files:

factories/: Defines model factories for creating test data.

migrations/: Contains migration files for managing database schema changes.

seeders/: Contains seeder classes for populating database tables with sample data.

5. **public/**: The web root directory where assets and entry points are stored.

Files:

index.php: The front controller that handles all HTTP requests and serves the application.

css/, js/, images/: Stores static assets like stylesheets, JavaScript files, and images.

6. **resources/:** Contains raw assets and view files.

Subdirectories/Files:

views/: Houses Blade template files for rendering HTML views.

lang/: Stores language files for localization.

js/, sass/: Contains uncompiled JavaScript and SASS files.

7. routes/: Defines application routes.

Files:

web.php: Contains routes for web-based requests (HTML routes).

api.php: Contains routes for API requests (JSON routes).

console.php: Registers console commands and schedules.

channels.php: Registers broadcast channels.

8. **storage/:** Stores files generated by the application.

Subdirectories/Files:

app/: For user-uploaded files.

framework/: Contains cached files, sessions, and views.

logs/: Stores log files.

9. tests/: Purpose: Contains automated tests for the application.

Subdirectories/Files:

Feature/: Contains feature tests that test application features and user interactions.

Unit/: Contains unit tests that test individual classes and methods.

10. vendor/: Contains third-party packages and dependencies managed by Composer.

Files:

autoload.php: Handles autoloading of classes and dependencies.

composer/: Contains Composer-related files.

DOCUMENTATION



















