*Need to Install:*

1. *XAMPP*
2. *Composer – Create via (composer create-project –prefer-dist laravel/laravel ProjectName)*
3. *Visual Studio Code (laravel extension pack, php intelephence, bracket pair colorizer 2, material icon theme, php namespace resolver)*
4. *Git bash*

*For UI:*

1. *AdminLTE*

*Pointers:*

*Use Blade*

*{{ $variable }}*

***Laravel Pointers***

*MODEL*

***Create Controller Command***

* *php artisan make:controller NAMEController (creates a single controller)*
* *php artisan make:controller NAMEController –r (this will create the controller with default restful methods)*
* *php artisan make:controller NAMEController –r –m NAME\_of\_model (creates a controller with default restful method with associates to the model defined)*

*Create Model Command*

* *php artisan make:model NAME (creates single mode)*
* *php artisan make:model NAME –mc (creates the model with migration and controller)*

*Model should have the 7 restful routes*

1. *Index – Shows all resource*
2. *Show – shows single resource*
3. *Create – shows the view to create a resource*
4. *Store – persist the new resource*
5. *Edit – shows a view to edit a resource*
6. *Update – persist the edited resource*
7. *Destroy – delete the resource*

*DB Connection*

1. *go to .env file*
2. *check for db connection*

*MIGRATION*

*Commands*

* *php artisan make:migration create\_NAME\_table – creating table schema/blueprint*
* *php artisan migrate – executes all schema/blueprint under database/migration directory*
* *php artisan migrate:rollback – rollback migrations*
* *php artisan migrate:fresh – drop all table and re-run all migration*

*VIEWS*

* *{{asset}} – links to public directory*

*FORMS*

1. *Always add @csrf in every forms*
2. *@method(‘PUT’), @method(‘PATCH’), @method(‘DELETE’)*

*tables needed:*

*employee*

*position*

*status*

*permission\_group*

*department*

*division*