

ABASS DURODOLA

WEEKLY REPORT FROM 9th of March 2020 – 13th of March 2020.

SECTION A:

S/N	Tasks/Deliverables Assigned	Status	Comment/Remark
1. March 9 th	Finish up remaining five Laravel 6.0 framework video project	Completed	I get to finally finish the Laravel framework introductory videos I started last week and consequently the pizza application project illustrated in the videos.
2. March 10 th	I was given a new task of building a Web-based Leave Management System application [ELMS]	Pending	I spent half of the day having difficulties installing application software needed on my work laptop for the project because of the admin rights. I took it to Pedd for her to help with before I could get started.
3. March 11 th	Build the database structure for the ELMS App	Completed	I mapped out how the structure of the application is going to be. I also worked on the database part of the application by migrating the tables into the database
4. March 12 th	Create the admin login unit that can register staffs, edit staffs, view all staffs and also view all the leave applied history. Create the Staff (Line manager and Regular Staff) login.	Completed	I was able to develop the admin page using the Laravel framework while connecting to the database created. Also, the staffs created on the admin can also login with their respective staff IDs to their dashboards
5. March 13 th	Implement the line Manager approval table, display leave histories for individual staffs and the admin unit	Completed	The role of the line manager approving leave for his staff was achieved and also the display of leave histories.

SECTION B:

NEW LEARNINGS

I was able to understand the basics of web application developments using the Laravel which is the best framework for PHP development. Laravel is a web app framework with expressive syntax that allows a more flexible and easy development process for large and robust applications. I was also exposed to a new database client application called Heidi SQL. It is an open source software used for creating and manipulating database functions. This application comes with a better Graphic User Interface that is better than others SQL client applications. I also learnt how I can make use and integrate this database with the web application I am currently working on.

In the course of this current project, I have understood the structural entity and how flexible Laravel framework makes application development is.