**MONTHLY REPORT FOR JULY 2018**

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Below in a table format is what I have learnt so far.

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| WEEKLY | PROGRAMMING COURSE | DESCRIPTION | METHOD OF LEARNING | LEVEL OF UNDERSTANDING |
| Week 1 | PHP | Based on my past experience with PHP, I was able to catched it fast, it was like a recap to me as I finished a 200 php videos tutorials in three weeks. Based on this, I have a good understanding of:  . Functions  . Arrays  . Variables, Global Variables  . Files uploading with php  . Time stamp with php  . Switch Statement  . Database SQL syntax (SELECT, INSERT, UPDATE) etc.  I also learnt how to turn on Error Reporting mode in php ini file | Videos. | Before now, I was finding it abit difficult of understanding ‘Variables’ now I understand it. |
| Week 2 | PHP | I learnt how to create a functional Logging System. Now, I can develop a functional ‘User Logging System’, that can Register New members, Confirm Password, Reset Password, Logging and Logout Users with Session and insert the user details into the database with a protection against SQL Injection.  During this period, I also learnt how to hash password with md5. | Videos | I always wanted to know how to create a ‘Functional Logging System’ that works properly, now I can say I can create it, because I now have full understanding of how User Logging System works. |
| Week 3 | PHP | I learnt how to scale down image to thumbnail size  . I learn how AJAX and XMLHTTP Request for auto suggest without having to refresh the page.  . I learnt GD for Email Security  . I also learnt how to create Recaptcha and generate random number each time the user fill in the text box  I started learning OOP in php yeterday. I can say I understand the concept of OOP (Public, Private and Protected Class). I’m still on it. | Videos | I have clear understanding of XMLHTTPREQUEST  Before now, I always wanted to know how to create Recaptcha box and generate a random number, now I know how!  Based on what I have learnt so far, Laurence promised to give me an assignment to know the level of my understanding in php. |