

Day 1

Department: ***Information Technology***

Today was my first day in my internship as Technical Support. I did a lot of things such as troubleshooting problems and seeking its solution. The people also helped me if ever I am having hard time in fixing problems.

Day 2

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Today, I am having hard time adjusting in technical support for I am having

Day 3

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Today, I learned how to setup printers and other software need for every employers. I also learned how to optimize the performance of the computer. I also disabled the unnecessary applications that makes the computer's performance slow.

Day 4

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Today, I cleaned a computer and managed to assemble all of the parts after watching how the parts attached. I also learned how I attach every parts on its proper way. I also learned and memorize its placement of the chords.

Day 5

Today, they also gave me the position as System Developer in their department to automate their manual management of check request. They also told me the process of the system which would I will be making. I'll start making the system tomorrow.

Day 6

Department: ***Information Technology***

Today, I will be using a PHP programming language for the development of the system. I'll be also using a MVC pattern for my coding management. Sir Elmar introduced me to that pattern cause he also thinks that it will be used for future job experience.

Day 7

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Today, I started in making the system and used the MVC pattern and the management of my code were really organized. It also helps me find my errors easily because it also specify the line where I am getting that error. It is really convenient to use for I am still a beginner and system development.

Day 8

Department: ***Information Technology***

Today, I am learning how to use the session which will be needed in logging in and out. I am also studying of how will I log out if I opened two browsers during the session. Sir Elmar also told me on how to use session and by also using isset functions.

Day 9

Department: ***Information Technology***

Today, I am having a hard time in routing paths and it makes my mind complicated when it goes through folders. I am also having a difficulty in using the right plugins needed in my platform. I am also learning on how to use javascript and jquery for my backend development.

Day 10

Department: ***Information Technology***

Today, I found out how to use sessions and checkibg its value by using isset functions. I also made an auth checker of my page to check all sessions value. I also finished designing the platform used for the system I am making.

Day 11

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Today, I am understanding how the MVC pattern works. M is for model which all my query and functions will be found, V is for view which is my front end and C is for control which is for the functionalities and events of my elements. MVC is also interesting and developing system.

Day 12

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Today, I myself adapt the pattern and I am also making it the right way. I am also designing my database structure which will be the phpMyAdmin or mysql database. I have a bit experience in this database because this was discussed in our Web Development subject.

Day 13

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Today, I am struggling in connecting my system to the database for I forgot what are the basics in php. I will be also using OOP in this system. I am rooting for this project to enhance my web development side.

Day 14

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Today, I succeed in connecting my system to the database. I am also done in making my database structure and the next step will be making the entity relationship diagram for the relationship of every table. I hope that I'll be not having a hard time in making their entities.

Day 15

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Today, I was invited to attend a conference about the millennials. I am the videographer in there and helps the other technical support in case they needed some assistance. I also learned how was our generation changed it how it affects the youth.

Day 16

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Today, I continue in making the RCP system after attending the conference as a videographer. I am now making the queries to be used in database such as inserting data, fetching and updating. I am also having my events in every element.

Day 17

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Today, I am tired for I did not get enough much sleep and causes my brain to work slowly. I also felt laziness in the tasks. I also dont know what to do for my brain is not functioning well.

Day 18

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Today, I did have enough sleep and has enough energy in continuing making the system. Sir elmar also told me on how to using jQuery and why jquery is way greater than javascript. I am also getting convenient in using jquery for it is more shorter than javascript.

Day 19

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Today, I am also learning on how to use html attributes and where would I use them. The HTML also has its event such as onclick, keyup, keypress and many more. I also tried using those event and it also works perfectly fine.

Day 20

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Today, I will be making my first OOP project using php and I am really excited in doing it. It may be not that difficult but I will be more accurate in putting those important characters that will make an error to my queries. I will also declaring public variables in updating queries.

Day 21

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Today, I am making the CRUD for the system in making the requestors account. I also discovered that I cant use the ID again if I included that page. It may cause conflicts and may not work properly.

Day 22

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Today, I customize my design using bootstrap. Bootstrap is a platform that already has frontend designs but you are the one customizing on how will that specific platform used in your system. You may redesign the menu, header and specially its body.

Day 23

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Today, I added some plugins from jquery and gave me conflicts due to bootstrap default plugin. I am finding a way in how I will fix the issue. I read an article from stackoverflow that I can fix that issue if I find the root of it having the extension of min.css or min.js.

Day 24

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Today, I moved to my other module because it will really take a large time in fixing that issue. So, I am now making the design of RCP form which will be the main feature of the system. I want my form to be user friendly so that the user will not be having difficulties.

Day 25

Department: ***Information Technology***

Today, I finished all the requestor side and I will be proceeding to the approver side. I still dont make all the queries in every user and I'll be back in the module if all the needed things will be ready. I will also be making the administrator side which holds all the RCP.

Day 26

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Today, I am now starting in making the administrator side for the functionalities of approver are not that big. I finished the approver side because its purpose were approving, declining and updating rcp and it is not that hard to create its UI. I am also done in putting authentication checker for every pages session.

Day 27

Department: ***Information Technology***

Today, I am having the difficulty for my condition of checking the sessions is not working. I did already made the authentication checker but I did not encounter an issue like this. Maybe I deleted a particular function and affects my session data that did not work properly. I am now reading of how did this happen in my coding and finding a solution so that I can continue in my current module.

Day 28

Department: ***Information Technology***

Today, I continued in finding the solution of how did my session not work properly and it is because I placed my session\_start() after the authentication checker. The session seems always undefined because it did not start during the execution. I also removed my session\_start() function in every page and put it in my authentication checker which I will be including in every page.

Day 29

Department: ***Information Technology***

Today, I continued doing all the crud in every user. The requestor side, the approver side which are the primary approver, alternate primary approver, secondary approver and lastly the alternate secondary approver and also the administrator side. I am now fix in starting doing the full backend programming using php.

Day 30

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Today, I am using an HTTP request in passing my data for security purposes. I used this because the information passed to the other page were secured and cannot be visible in the link. The information given from the control will be sent programmatically hidden and can return a json object.

Day 31

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Today, as I make a JSON response from the php I am having a difficulty because an error occurred and I am confused what does that mean. And I notice that the error was an HTML error and that error came from the line were I comment out. So I learned that passing JSON response also read an HTML comment and it will really cause error.

Day 32

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Today, I will be making a mailing module for the notification scheme in every users action. To track the RCP's status whether the it is declined, approved or edited. I will also be using the mailing predefined function in php which is the mail() function and using SMTP network because I will just be mailing the people who were in the network.

Day 33

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Today, I learned how to use the bootstrap alerts and how will I change the text of it depending of what will be the message needed for a particular error. I also learned how to use its fadeIn() function and its timeout where would it automatically hide itself without human intervention. I am also using its class instead of using its ID for changing its color.

Day 34

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Today, I am using a bootstrap modal as my dialog box for confirmation. I also read an article from stackoverflow that using HTTP request and php helps a modal in customizing and adding data from database. The content of the modal will be empty and will be customized in the modal controller.

Day 35

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Today, I am making a modal controller so that my modal-body content would not be empty. First, I will be fetching my data needed from that database. Next will be initializing them to the variables that will be assigned to the elements value.

Day 36

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Today, I will be adding the PDF module for viewing the RCP. I will be using the TCPDF plugin so that I will not make my own PDF format. I will be just editing some parts that will be useful to my RCP document. I really need to understand how the TCPDF works so that I will not be complicated in my future working development because they seems to be useful.

Day 37

Department: ***Information Technology***

Today, I am having difficulties in customizing TCPDF tables because the HTML would be concatenated in order for it to work. I must be accurate in ending my table attributes and continuing it by making another table attribute. It works like php that needs to be concatenated if ever you will be having a certain condition in an echo.



Day 38

Department: ***Information Technology***

Today, I really encountered a nightmare about the systems database that I cannot login on it. I tried cleaning my history because I think it causes when I download some application or whatsoever. I also cleaned all my caches because maybe it can help.

Day 39

Department: ***Information Technology***

Today, I am still continuing in fixing this error and I also reading an article about the bug which I have read in stackoverflow. According to them that instead of using HTTP I must be using HTTPS or some SSL request in order for me to login successfully. I did try their solutions by just changing and clearing all their history and caches but it still did not work.

Day 40

Department: ***Information Technology***

Today, I notice that the error occurred when I install the node.js application and I am using the command line interface in executing command related to the node.js for our capstone project needed for the push notification. Still I am not able to fix the bug and still searching for the best solution. I must read more articles in fixing this kind of bug in case I'll be facing this again in the near future because this is really a serious one.

Day 41

Department: ***Information Technology***

Today, I am losing hope in fixing the bug and came up to an idea of making a new database and hoping it may really help. I reinstalled my wampp server and backed up all the data from the previous root folder before reinstalling it. After the installation, I tried logging it but still did not work in that solution and this is making me crazy.

Day 42

Department: ***Information Technology***

Today, I asked my fellow Senior Web Developer if he encountered this kind of bug but he really can't also fix the issue. I also told Sir Elmar to help me about this and the same response were answered. So I tried again to fix the issue by watching video from india about how and when did I manage to activate this kind of bug and how will I fix it.

Day 43

Today, after a days of searching a solution for that bug and applying it to the issue nothing works and I just camp up by just turning my browsers setting to default may help. I am so happy that I fixed a bug without any article from others and just all by myself doing it. I really went so far that I almost gave up in that issue and I am so happy for solving it.

Day 44

Department: ***Information Technology***

Today, I continued making the system after fixing the main issue about the bug. I almost freak out because all my data were lost during the reinstallation of my wampp server. Luckily, I did a backup data file before I went through reinstallation. In that case, I did retrieve all my data needed in accomplishing the automated RCP system.

Day 45

Department: ***Information Technology***

Today, I am making all the crudes accurate so that I will be making all the trappings needed or all the possibilities if ever I entered wrong details. I also included the data length needed from the database and settle its max length using HTML maxlength attribute. I am also modifying some colors so that It may look more friendly to the users eye.

Day 46

Department: ***Information Technology***

Today, I started making the trappings for the system for what is allowed in a specific field or not. I am also having a dry run for the mailing module of the users during the requesting of RCP. I also learned how to know if my mail control is not working by just executing my path file to the url and must have a response if it is success or failed.

Day 47

Department: ***Information Technology***

Today, I have a numerous bug resulted to the dry run testing I have made. I must fix these bugs so that I'll be done making this system and be able to deploy my first system I made in a company. I must be proud to myself that I made it by myself without much supervision from my seniors and co-workers. There will be times that I can't help myself but ask them directly because not all the time we can solve the problem by just ourselves.

Day 48

Department: ***Information Technology***

Today, Maam Mona Joyce Huan told me the other enhancement of the system after I told her that I am almost done in the system. She also made the system much more reliable to everyone because that includes money. She adds the most important module specially that approver that can do all whatever they want during the updating or editing of RCP and track the approvers doing by notifying the requestor through mail. I also willing to take the risk of the enhancement because it will really help my knowledge in php language.

Day 49

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Today, I started making all the enhancement gave from Maam Mona. The hardest part is tracking all the changes of the approver and give an email notification to the requestor which will be some sort of an Artificial Intelligence if conditions. I may not have that time to complete but I must first do the easier enhancement module.

Day 50

Department: ***Information Technology***

Today, I completed making some other enhancement module but still having a difficulties of how that tracking of data that were change module be implemented. It may take a large time for me because it seems to be really difficult. I think I will be using some two dimension array because I think it will make it easier.

Day 51

Department: ***Information Technology***

Today, I am encrypting the data that were visible in the url so that the security would increase a bit. I will be using a `base64_encode` and `base64_decode` in php and `btoa()` function in javascript. This encryption is not that strict and may be easier to access just because of the predefined decryption function. The encryption is not also that long and it only has 20 characters encryption long.

Day 52

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Today, I am making a report generation of every user and also it is part of the enhancement. I will be using PDF for the report documentation and decided to first make the requestor side first. But for now, I am still making the design of what will look like of that table needed for the report generation.

Day 53

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Today, I finished I setting up the fields needed in the report generation. I just put the details that were important by just looking into it. I also use the RCPDF `colspan` and `rowspan` predefined function in modifying data table.

Day 54

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Today, after making all the report generation in requestor side I think it will be much easier for all the functionalities were the same. I'll be just modifying a little bit data or information to be passed using and HTTP request for greater security. I am also using a javascript in changing that path of a href html attribute.

Day 56

Department: ***Information Technology***

Today, I finished all the report generation in every user and proceeds again to the dry run testing. I and Sir Elmar tested all the possibilities and cases that think to be not work properly if entered and executed. I am also satisfied of what I am doing of all the what ifs in the conditions I made during the making of trappings.

Day 57

Department: ***Information Technology***

Today, after all the dry run testing a weird situation happened to me and all of my report generation were not functioning. Before we proceed to the dry run testing, that module seems totally and one hundred percent working and I was shocked that the module I made were not properly working and needs to be fixed as soon as possible for the system were almost time for deployment and still I am having issues in it.

Day 58

Department: ***Information Technology***

Today, as I fix my issue in report generation it makes sense that I forgot one certain table row in for where I will put all the table data in the table header. I also removed the encryption of the data that were visible in the url because it will not be that important because the approver already printed a copy for the requestor and was signed for its legitimacy. Maybe the data can be viewed.

Day 59

Department: ***Information Technology***

Today, I am almost done in making the system and the journey as an internship in Innoland Development Corp as System Developer. I will be missing all the people in here for they were part of my learnings and accomplishments in life. I also give credits to Sir Elmar for being patience for me for I am not that good in PHP language and for explaining it thoroughly to me. I do have also respect in Sir. Jeffrey for the patience and camaraderie to me.

Day 60

Department: ***Information Technology***

Today, the final testing for deployment and final fixing of errors. I also fixed the allow only numeric characters in the amount table so that the result of it wont be NaN if ever there will be a letter. Letter cannot be summed up so the result would be Not a Number or just simply NaN.

Day 61

Department: ***Information Technology***

Today, I gave a copy of the system to sir Elmar for its deployment. Though, Maam Mona still not able to check it but still I did a great job and this will be my first system that will be deployed in an industry. This project really helped my PHP language knowledge for I faced difficult and unpredictable issues in a span of time. I also encountered the time that during the testing with the higher position the system will not fully working and it gave me such a disappointment.

Day 62

Department: ***Information Technology***

Today, this will be the last day that can be seen in my daily time record for this is my last day of Innoland Development Company Systems Developer. I really appreciate all the learning they have given to me. I also like all the people because I can express myself easily and freely. They were fun too and friendly. The moment and knowledge were priceless and in terms of experience it really helped me a lot in improving my PHP language programming skills.