STUDENT TRAINING SCHEME
FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

LOG BOOK

STUDENT NAME	ALVIN ANAK SAMAIL
PROGRAMME	Software Engineering
TRAINING LOCATION	Taiyo Yuden (Sarawak) Sdn. Bhd. Kuching 93350, SARAWAK

DATE / TIME	ACTIVITY
04/09/2023	o Attending the briefing about company background and safety procedure in the working area. o Photo session for company ID and uniform distribution. o Assigned to the department where been placed to, which is Production 1 (ML1A). o Introduced to the department team clerk and get to know other people in the department. o Tidying up the newly assigned work place and adapting to the place.
05/09/2023	o Visiting the semi clean room of process Cut Gaikan in making the Multilayer Ceramic Capacitor (MLCC). o Been provide with temporary clean room jacket before receiving the before getting a new one. o Introduced to the process named "Cut Gaikan" and follow supervisor to commit some work. o Explore the factory 8 process partially and get to see the machine working.
06/09/2023	o Get to know colleagues in the department office and having a chit-chat with them regarding the company facility. o Highlight the valuable insights or knowledge that gained from my colleagues about their roles in company. o Knowing any challenges that the colleagues faced during the working with the company and self introduction to the with the supervisor and team clerk.
07/09/2023	o Been assigned to the certain peroject named "Seikei Scanning System" and "Insatsu Printing System". o The purpose of seikei scanning system and insatsu printing system project is to developing the web based system that used in the process of making MLCC where It's the continuation system which appear to be the new faced system that going to be implemented. o Brief introduced of the project purposed.
08/09/2023	o Follow the supervisor to attend the meeting to get more information regarding the system. o The puposed of the meeting is to introduced me with the current system update and get to know the department manager during the meeting. o Being a observer and taking a note regarding the project given a comments of certain part that might complicated to understand during the meeting.
09/09/2023	o Weekend
10/09/2023	o Weekend

Name and Signature of Supervisor

Date

DATE / TIME	ACTIVITY
11/09/2023	○ Orientation week along with new employees. Company background & etc. ○ The orientation objectives is to familiarize new employees with the company and the culture, policies, and procedures around the company. ○ To understand the company culture and core values which will reflected in the workplace and how the influence daily operations.
12/09/2023	○ Orientation week along with new employees. Company rules & etc. ○ The orientation objectives is to familiarize new employees with the company and the culture, policies, and procedures around the company. ○ To understand the company culture and core values which will reflecte d in the workplace and how the influence daily operations.
13/09/2023	○ Orientation week along with new employees. Company rules & etc. ○ The orientation objectives is to familiarize new employees with the company and the culture, policies, and procedures around the company. ○ To understand the company culture and core values which will reflected in the workplace and how the influence daily operations.
14/09/2023	○ Orientation week along with new employees. Company Product & etc. ○ The orientation objectives is to familiarize new employees with the company and the culture, policies, and procedures around the company. ○ To understand the company culture and core values which will reflected in the workplace and how the influence daily operations.
15/09/2023	○ Process tour with a brief explanation of each process. ○ The goal of process tour is to visit every process in making MLCC product and breif knowing the product detail. ○ Get to know point of process name, process function, equipment & machinery, workflow & steps, and safety precautions.
16/09/2023	○ Weekend
17/09/2023	○ Weekend

Name and Signature of Supervisor

Date

WEEK : 3

DATE / TIME	ACTIVITY
18/09/2023	• Last process tour with the newly hire company staff and brief explaination on the process by factory that been visited. • Reflect on how the process flow by attend the short exam by HR department with experience contributes to my understanding of the organization's operations and processes.
19/09/2023	• Second process tour to the process factory 4 which called "Insatsu Process" where same processes as in the first tour but deeply learn more on how the MLCC been made. • Noted every information receive where process function, know primary function or purpose of the process, equipment and machinery with describe any specialized equipment, machinery, or tools used in the process. • Understand the workflow and steps.
20/09/2023	• Third process tour to the process factory 4 which called "Seikei Process" where same processes as in the first tour but deeply learn more on how the MLCC been made. • Noted every information receive where process function, know primary function or purpose of the process, equipment and machinery with describe any specialized equipment, machinery, or tools used in the process. • Understand the workflow and steps.
21/09/2023	• Last process tour to the process factory 8 which called "Water Barrel Process" where same processes as in the first tour but deeply learn more on how the MLCC been made. • Noted every information receive where process function, know primary function or purpose of the process, equipment and machinery with describe any specialized equipment, machinery, or tools used in the process. • Understand the workflow and steps.
22/09/2023	• 5s in office by my own. • Answering the quick exam by my supervisor regarding the understanding of the system database on friday in given 10 minutes sharp. • Continues to develop the pruposed system and fixing the error that faced.
23/09/2023	• Weekend
24/09/2023	• Weekend

Name and Signature of Supervisor

Date

WEEK : 4

DATE / TIME	ACTIVITY
25/09/2023	o Prepare report for montly report to summarize the progress of the previous month and foward to the supervisor. o This report include reviewing progress, analyzing data sets, and consulting with team members. o Get a recommendations from supervisor on how the current system should be improve. o Discuss the formatting and presentation aspects of the report, such as fonts, colors, headers, and footers to ensure that the report is visually appealing and easy to navigate. o Review and approval report by supervisor.
26/09/2023	o Developer testing for the proposed system to ensure they function correctly and as intended. o Verifying that code functions according to its design specifications. o Testing individual functions or methods to validate their correctness which is made by my supervisor.
27/09/2023	o Sign the policy of agreement during the internship by Human Resource Department (HRD). o This is for clarification of roles, legal protection, ethical and professional standards also safety and compliance.
28/09/2023	o Public Holiday
29/09/2023	o Weekly report to the supervisor on the current progress. o Help my intern mate to acomplish task given. o Maintain the current develop system which is "Seikei Scanning System". o After getting every week update from supervisor, directly maintain the proposed system.
30/09/2023	o Weekend
01/10/2023	o Weekend

Name and Signature of Supervisor

Date

WEEK : 5

DATE / TIME	ACTIVITY
02/10/2023	o Continue to maintain the proposed sytem from last week and seek for the supervisor testing. o Continue to update the presentation report based on last week command by supervisor. o Learn to prepare formal report based on company requirements.
03/10/2023	o Attending the meeting for montly report with supervisor with other co-league to presenting the previous monthly report. o Maintenance the proposed system which is "Sekei Scanning System" based on command by supervisor. o Fixing report mistake based on supervisor command.
04/10/2023	o Submitting the LogBook to the supervisor to ask for verification and validation regarding the report. o Continue to develop the proposed system which is "Seikei Scanning System". o Brainstorming the code to fix the certain error faced during the personal testing.
05/10/2023	o Discussion with supervisor regarding the deployment of the system after finish. o Getting command on the LogBook and make some corrections based on the supervisor need. o Trying to implement the system into the company server.
06/10/2023	o Continue to develop the current proposed system which is "Sekei Scanning System". o Trying to implement the tablet web system into the server. o Summarize the weekly task and compile the progress made.
07/10/2023	o Weekend
08/10/2023	o Weekend

Name and Signature of Supervisor

Date

DATE / TIME	ACTIVITY
09/10/2023	o Continuing on develop and maintenance the system database and filter using mysql language and php type programming language to connect this both system to function. o Preparing slide for operator training for the system and designing the slide mind map in proper manner to show the operator side understanding. o Helping my intern mate to overcome the error that faced during the development and overcome with the solution regarding the problem faced. o Planning task to be done on the overall weekend and acomplish task part-by-part. o Encounter some error during the execution trial made by me on MariaDB server and able to overcome the error by day to avoid delay of the weekly task. o Brainstorming the system coding until the error are fully encounter and continuosly productive to maintain the system function based on developer requirement.
10/10/2023	o Continue to implement the filter inside the system using my own dataset and able to encounter the problem in a day without delay some task that to be planned in a week. o Update the slide figures and diagram where need to be clear for operator view soon so that they can see how the system flow is look likes. o Receive the task from HR that need to attend the extra orientation on this friday at 2 pm located on dewan Matahari. o Summarizing the work for the ealier weekly task that has been done and upload the report inside the system which is e-penyelia unimas. o Updating the javascript function on the proposed system so that it can control the function error and data flow on the system server. o Evaluate the weekly meeting paperwork that report every week to become concern of all MSTY employee and sign at the paperwork.
11/10/2023	o Continue to deploy javascript function inside the proposed system and encounter every error to avoid the bug inside the system. o Brainstorming the code and update daily own task and documented daily task at the end of office hour. o Archieve and record the task that has been completed and planning for tommorow task to be done before entering the office. o Help my intern mate to overcome the issue faced during the implementation and get the task done before the office hour end for the day. o Receiving a news for the new opening factory at the company and planning for the task to be archieve by tomorrow and future task that need to be done by week. o Meeting a freind that from co-league UNIMAS at the office and having a chit-chat for the development process and how the task handler to be done everyday.

Date	Activities
12/10/2023	- Implement proposed system inside the database and finding some bug inside the designed system. - Report and get feedback of updated system through the day and ask supervisor to evaluate regarding the updating system from the last meeting. - Setup the server connection of the company server with the systems so it work properly inside the server and can be used for next trial for input value. - Able to implement the system inside the server and succeed to develop the database inside the system. After that without any error are appear during the execution. - Helping my intern mate to facing the code error during the development and able to overcome certain error during the implementation phase of the system development. - Proceed to planning design for next proposed system which is insatsu printing system which is currently under hold and to be continue on the day and sketching some formula to be implement inside the code and needed code and resource to be imlemented.
13/10/2023	- Saving all the first proposed system design inside the server and copy all the necessary stuff in the file that been transfer. - Changing the data connection of the database inside the server and trying the new server database platform which is Adminer. - Didn't encounter any error when transfering data into new database and passed all the data key-in and able to perform well. Report the work for the first system done and handed over the slide for Operation Instruction to the developer. - Compile all the report for overall week and transfer into the key point in the LogBook.
14/10/2023	Weekend.
15/10/2023	Weekend.

Name and Signature of Supervisor

Date

WEEK :	7

DATE / TIME	ACTIVITY
16/10/2023	○ Designing User Interface for Insatsu Printing System which is the second proposed system that I develop in the company. ○ Resizing and fitting the UI so that easy to be used and friendly for other to see and key in the data of the machine. ○ Designing the algorithm to be implement inside the system which is contain arithmetic function into the current system and at the same time provide and saved data in the server. ○ Getting feedback for the first proposed system which is seikei scanning system. ○ Update the latest system based on developer need and the user requirements. ○ Get the final date for the presentation of the system to the MSTY staff which currently operate the machine at the process area.
17/10/2023	○ Continue to update the system after developer comment before attending the meeting with the Department Manager. ○ Update the UI and make sure the entire function of the system are functioning for the Seikei Scanning System. ○ Updating the slide with help of supervisor with guide how to present the system and preparation of tommorow meeting. ○ Using scanner to input data for the first time and success to input data without any problem. ○ Helping my intern mate to solve the code retrieve the data from the database and showing the error of the code.
18/10/2023	○ Presenting the proposed system to the Department Manager which is Mr Pan to explain flow of the proposed system into the server. ○ Practicing the slide before the starting of meeting and able to present clearly at front of my supervisor and able to noted what I lacked. ○ Preparing the tablet to be used for the presentation later and get to used the tablet after develop the system so far without any error. ○ Encounter the last change of the system before the presentation and able to overcome the issues arrise on the last minute of the problem before presentation. ○ Procees to change the proposed system based on the DM need and update that need to be change for the leader at seikei process.
19/10/2023	○ Continue to develop the system based on the last meeting and able to noted the change noted from the last meeting. ○ Asking the supervisor to double confirm the change and able to catch the new update function and get to understand last meeting note. ○ Proceed to continuing develop second system which is Insatsu Printing System and creating virtual calcualtor to confirm php file can create calculation. ○ Helping my intern mate to overcome their issues regarding the problem facing when developing the system.
20/10/2023	○ Sketching data that can be converted into Excel to database sql and finding idea that can be implemented inside the system. ○ Completing design the change for the tablet after a few updated from the last meeting and can be used for trial at the process operation. ○ Report to my supervidor of my weekly task and proceed to develop the system of seikei process which curently needed for operation. ○ Able to help my intern mate to finish the task that faced and able to overcome the issues.

21/10/2023	○ Weekend.
22/10/2023	○ Weekend.

Name and Signature of Supervisor

Date

WEEK : 8

DATE / TIME	ACTIVITY
23/10/2023	- Continue to update the Seikei Matching System from the last update and get to change the current system function to newest one. - Trying to convert the excel into the php database server to the new system that used to retrieve data from the excel. - Update excel using manually key in inside the phpmyadmin and able to execute every data in excel into the php database. - Helping my intern mate to solving the code for the system and still encounter error during the execution and still brainstorming the error code. - Thinking on how to transfer file by me into the company laptop and still finding the way to transfer some data into the hardisk of the laptop. - Using manual way to typing code inside the laptop UI so that I can able to used the code inside the laptop server to implement inside the system.
24/10/2023	- Developing converter into the system so easier for the pc-leader to key in data inside the system without any delay inside the server. - Preceiving the code from website which is used for directory into the system so it can create array inside the system to be stored inline with the database. - Helping my intern mate to solve the problem facing during the execution and success to complete the tablet mode for the system. - Able to store the .xlsx format folder inside the system to be upload and able to retrieve data in excel format form. - Trying to suit the javascripting inside the system and evaluate the code javascript function so that it can recall the alert anytime. - Exploring the way of the run error of the system inside the database to make sure it can run smoothly.
25/10/2023	- Continue to develop the Seikei Scanning System for the latest update and implement excel import system in the server so that can be used to convert excel format. - Helping my intern mate to solve their issue problem during code execution. - Develop the snake game code because to boring when done finish the code and able to complete half of the code before office hour end. - Able to cop-up with other and start to develop relationship with other employee. - Able to decepline myself.
26/10/2023	- Able to complete the code finisher after meeting and able to do the change based on the supervisor and user need to the system. - Still finding some bug and enconter the error that will come in the trial mode and able to comes with the empty bug. - Helping my intern mate to solve their code prolem and able to finish nearly discover every bug in the develop system. - Doing 5s in office and cleaning the table to remove dust inside the working place and able to clean and tidy the table. - Compile and finishing goal and task.

27/10/2023	- Creating error handler for the pc leader interface for pc-leader so the leader view can see clearly how the listing page look's like. - Able to archieve the goal for the last meeting and able to implement the system based on user requirements and be able to complete the goals. - Compile weekly report and upload inside the e-penyelia system so that LogBook can be created and saved inside the system. - Go to Human Resouce Department (HRD) to sign the allowance for the month and get the record data for the overall month and able to produce month report.
28/10/2023	Weekend
29/10/2023	Weekend

Name and Signature of Supervisor

Date

WEEK : 9

DATE / TIME	ACTIVITY
30/10/2023	• Continue to develop for the excel multisheet reader for php using base laravarel source. • Updating tablet mode system to keep the error id inside the database. • Reporting latest update. • Helping my intern mate to solve the code problem and overcome the problem facing during the execution.
31/10/2023	• Turnition and improve my supervisor code and implement based on my own code which develop by myself. • Helping my intern mate to solve regarding javascript function and able to execute the error into solution. • Refine back my code which is recently quite messy and not align with the system requirement and system need. • Learning sql database inside the phpadmin to add my knowledge and able to improve my skill in the programming language. • Change my desktop wallpaper into new one which is properly and more lively look's and perfect to watch. • Report my registration for the semester into bpps and waiting for them to act and open back my account.
01/11/2023	• Developing the excel converter from double sheet on one single sheet into the database and able to create the function. • Can read any file name with format .xlsx and can store the single value data which available inside the excel into mysql database. • Brainstorming the code for function library of the converter or uploader which is for database and found the fix solution. • Able to convert fix file format of the excel into the database which is captured double sheet from single format of excel file. • Revision on the insatsu printing sytem to prepare for the calculation formula to implement the next system of the project. • Helping my intern mate to solve their problem facing.
02/11/2023	• Refine my code for the seikei scanning system which curently to much mix up content and search by date also very hard to seek. • Unloaded the database to free up some space inside the server so the database could load faster when displaying the data. • Helping my intern mate to solve their coding to overcome the error facing. • Fixing the value of sheet captured based on number, which now the excel convert the excel into database are refering to the sheet name where as layer are update first and cover are follow up after the layer. • Planning for completing the update by tommorow for next meeting and development of the first system which is Seikei Scanning System. • Updating insatsu printing system to become more friendly UI and more lively UI which include animation and other emoji's.

03/11/2023	o Implement the upload file into the Seikei Scanning System and fit the code with the template that I made for my own into the system. o Success to fit the code with the current without any error and able to read the excel file based on the name given in the excel files. o Reporting to my supervisor for the latest update and success to take for another meeting on next week for system presentation. o Helping my intern mate to solve their code problem during execution and give advice regarding the presentation slide for next week. o Compile report for a week and upload inside the e-penyelia system and get the signature for the monthly report of the internship. o Suit the code into the msty server and implement all the needed database and maintain inside the system database.
04/11/2023	o Weekend
05/11/2023	o Weekend

Name and Signature of Supervisor

Date

WEEK : 10

DATE / TIME	ACTIVITY
06/11/2023	o Continue to implement Seikei Scanning System inside the server and exporting the database from phpmyadmin into adminer where the originate platform. o Conducting slide to prepare for presentation for this week for the current latest project update and getting sources from supervisor. o Managing my course registration problem and emailing the bpps department team and waiting for them to reply. o Exploring the office store place to know the form that available inside the rack and taking sample to know that the template is usage and function for the template. o Reporting to my supervisor to acknowledge the current status of the system development after last meeting.
07/11/2023	o Implementing the system inside the server and finding some bug on the pruposed system and found the bug on the filter. o Able to comes out with the solution where the filter can filtering all the data based on unique lot no on the certain record. o Helping my intern mate to solve the problem and help to implement the code inside the server and success to comes out with publishing inside the serve. o Reporting to my supervisor regarding the updated system and book a date for the presentation. o Creating slide for presentation regarding the latest update on the system and able to make slide before the office hour end by a day. o Getting to know the schedule of menu in MSTY and knowing what to be eat on the next day after side menu after the share.
08/11/2023	o Designing UI for the Insatsu Printing System for the second proposed system in the MSTY. o Creating best fit UI based on the excel scratch system which to be transfered inside the web server database. o Fire drill practice at the company and able to follow up other people to practice alerting during the office hour. o Developing the system of Insatsu Printing System and able to complete calculation part in the web system. o Learning how to perform multi window handshake between two laptop to connect the device and sharing the window screen.
09/11/2023	o Making scratch for the Insatsu Printing System and design how the UI look like in the web based system so it look similar like previous system. o Designing function for the Insatsu Printing System and develop functioning system so it can calculate value insert and perform a data evaluation. o Sharpen my filter code for Seikei Scanning System so it look more perfect as original and follow the schema of the paperwork. o Compose the solution of the system and maintain the system with functional check on every side which include calculation and interface. o Compile a day report inside the txt to be record inside e-penyelia and upload it during the weekend of the working week. o Understanding the concept of holiday break in MSTY so it useful during intern holiday planning .

10/11/2023	o Complete developing the Seikei Scanning System and ready for presentation calling with process on the factory. o Adding the new features where to download template usage at the process to refer and used so that it wont change or different reference. o Continuing to develop the second proposed system which is Insatsu Printing System and able to compile function system within a day and next to develop it more realistic with the UI. o Compile weekly report to the e-penyelia and upload inside the system and able to report inside the system so the system keep on update each progress. o Insatsu calculation error finding and Seikei data handler check to make sure the system is proper used when it comes to the process ground. o Record the weekly report at the e-penyelia system.
11/11/2023	o Weekend.
12/11/2023	o Weekend

Name and Signature of Supervisor

Date

WEEK : 11

DATE / TIME	ACTIVITY
13/11/2023	- Developing a front-end and back-end of the Insatsu Printing System for the pruposed system and align the system function with php function. - Checking for the Seikei Scanning System data set clear the upload data the made a lot of cache data which is unecessary. - Designing the UI of the Insatsu Printing System so it look similar with the excel that been shared and succeed to get the familiar look UI. - Planning to finish the Insatsu Printing System back-end to acomplish the next progress and design other thing and measure the error will comes. - Error checking on the design back-end systemand comes out with the solution in a day and able to finish the first sketch of the proposed system within a day.
14/11/2023	- Developing Insatsu Printing System function with php and able to implement function calculation inside the system and comes out with value calculated. - Follow supervisor to visit process at factory 8 and helping to install new tablet window on the process and running the new created system. - Able to know the function of overall cut system with developing the new created system and able to decide which part is process on. - Helping to get beyond the data for the server and know the office server and all the placement location inside the process. - Locate the new system in the process and able to develop new place for the system inside the process of clean room and comes out with success.
15/11/2023	- Create js function for the Insatsu Printing System and didn't found solution for automatic data retrieve from the php code. - Complete the php code with UI for the Insatsu Printing System and can catch with calculation the data that input by the user. - Designing the best UI for the system and able to create best fit with filter autosubmit when user key-in the value input. - Try converting the php code into the js code using online compiler machine learning and didn't found any solution on the method purposed. - Comes out with idea to solve the Insatsu Printing System with javascript.
16/11/2023	- Refine the structure of the code of Insatsu Printing System and update the retrieval value from the php web system and solve the data error. - Try to resolve the javascript language for the Insatsu Printing System but the latest system development didn't have real data calculation features. - Update the report of my e-penyelia and assign all the needed and necessary information to its places and right date. - Helping my intern mate to solve their code problem and extend the solve code due to certain not enough time to solve and need more resource.

17/11/2023	- Final modification and solve the error and its placement and assign each of the value to its original calculation data and found an solution. - Complete the calculator which manage to calculate the insert value by the printing system monitoring for Insatsu System and able to be used as calculation. - Answer the re-test from HRD which we need to archieve 100% mark for the pre-requisite exam and able to archieve full mark for each of the answer and get to talk with HRD management team. - Compile weekly report and upload inside the e-penyelia system for the current update status and proceed for the course registration for this week.
18/11/2023	Weekend
19/11/2023	Weekend

Name and Signature of Supervisor

Date

WEEK : 12

DATE / TIME	ACTIVITY
20/11/2023	o Continue to develop real time user interface where as user input inline with the user input. o Input the symbol inside the Insatsu Printing System where to mark the change of the table should looks. o Check the boxs sizing with css and suit the header of the UI with the best looking for the normal window view. o Help my intern mate to understand jquery in the javascript to change the animation function for his second system. o Convert the online source code into my code to get the suit real-time processor data inside the server and hard to implement.
21/11/2023	o Updating the Insatsu UI for the viewing and ganeral sizing the UI for better viewing at the server view. o Implement floating number on the value calculation inside the web server so limit border won't go out through line. o Rapidly learning how differentiate the php and javascript language where to learn the usage and how to used it. o Proposed method and sketch the solution that used for upcoming project requirement and prepare some resource for the system. o Resolve the registration issue on the bpps unit and faculty management team and waiting for the result of them to comes.
22/11/2023	o Refine back the UI for the Insatsu Printing System to make the interface looks more fit to the user pc and user view. o Adjusting the value of the output from the Insatsu Printing System so it can become floating point which limit to 2 decimal places. o Planning to get and search concept inside the smart.E system of the process to get idea of creating the Insatsu Printing System. o Monitoring the Seikei Scanning System which is under maintain before the presentation and find no bug inside the system. o Reporting to my supervisor for completing the both system and asking for the extra work that can be done during the working time.
23/11/2023	o Propering the UI looks so it more look proper way of manner of the number where it assign and get the value in proper places so it won't move out from view. o Trying to input many possible value and update the css to avoid the line of the UI outside of the boundary and error. o Report to the supervisor for the current progress and get the suggestion and feedback regarding the latest improvement on the Insatsu Printing System and regarding the meeting. o Adding up some missed function to be implement inside the server and design UI which able to navigate to other side of the calculation function. o Developing drop down button to navigate to other view of calculation and get to calculate other process part which inside the process room.

24/11/2023	- Complete the UI for the Insatsu Printing System in web server based on the supervisor requirement and manage to assign the calculation well. - Helping my intern mate to solve their code regarding the current system which is Insatsu Scanning System where to create relational database. - Create new css that enable the user to navigate through every system in the Insatsu Printing System because it has 5 calcualtor. - Rework back my UI for tablet system Seikei Scanning System project which the button need to be inline on zoom-in and zoom-out. - Compile weekly report and upload inside the e-penyelia system for the current week and asking for supervisor to check the logbook credential.
25/11/2023	- Weekend
26/11/2023	- Weekend

Name and Signature of Supervisor

Date

DATE / TIME	ACTIVITY
27/11/2023	- Design other functional calculator which contain 5 calculation for each of the system for the Insatsu Printing System. - Figuring out every single different calculation from each different method or mode to develop sketch for the calculation system for Insatsu. - Proposing solution on the develop system to create each system functionality on the web server and formula to be implement inside the system. - Revising the rule of RBA (Responsible Bussiness Alliance) inside the company and prepare for the audit possible question by tomorrow. - Planning to complete the Insatsu Printing System by this week over and proceed to waiting on upcoming preentation of the system design and UI.
28/11/2023	- Attending RBA audit at the admin block which choosen by the company and get to ask by the other company employee regarding my internship programme in MSTY. - Scaling the website view and the look of the window from user site and still finding the functionality of the website page. - Completing the calculation function and navigation of the web server inside the web view where system can evaluate the user view based on the choosen option. - Reporting to my supervisor regarding my current progress and get to finish date and able to run the system for the presentation and next upcoming meeting. - Distinguish the element of the web zoom function and knowing the functioning zoom method for the system server.
29/11/2023	- Designing the best fit UI for the Insatsu Priniting System and align the best table without any defect on the user view. - Learning how to control browser but failed to do so because browser cannot been control by using code and javascript. - Helping my intern mate to understand their code and help him to working out for the php code that to store array and php. - Get to report about the status presentation and slide for the next presentation and proceed to the next stage. - Get alert to used the functional js.
30/11/2023	- Testing possible error occur to the Insatsu Printing System and checking all the missing part that might found inside the system. - Testing outstanding value input that possible occur to the system to evaluate and detetcting the error occur inside the system. - Helping my intern mate to solve the second proposed system which is Water Barrel for the proposed system and found a solution for the problem. - Proposing to solve the other system and not found any system with problem and cannot get to know the system that need to be change. - Ready a slide to update to my supervisor tommorow regarding the latest update and get to develop system inside the server.

Date	Activities
01/12/2023	- Provide the solution using the js with live data insertion and can relate to other value and able to key-in inside the value code working. - Report to my supervisor and get acknowledge and able to proceed for the first design of the system and proceed to the next solution after the presentation later. - Finding the solution for the calculator using the javascript and succeed to found the real live date calculation and get to alert the update system without using php. - Preparing slide for the first presentation of the Insatsu Printing System next week which first sketch of the system design to do calculation inside the server. - Upload the report inside the e-penyelia and foward back my logbook to my supervisor.
02/12/2023	Weekend.
03/12/2023	Weekend.

Name and Signature of Supervisor

Date

WEEK : 14

DATE / TIME	ACTIVITY
04/12/2023	- Preparing update for the Insatsu Prinitng System using javascript and will be coming to the web server after meeting. - Design a javascript function for overall calculation for the Insatsu Printing System that involve in calculation and measurement. - Working on the latest and the oldest function to find a bug inside the system function and found a bit buggy value and overcome directly. - Preparing slide for the next presentation and able to complete 2 pages from the start and still adding some content inside slide. - Sending the report for the logbook for the November and October to my supervisor check and standardize the report for my internship.
05/12/2023	- Completing the slide for presentation regarding the update for both system and complete by today and able to prepare before the presentation meeting. - Implement the Insatsu Printing System inside the server and succeed to implement the system inside the server without any bug. - Getting my code to be save in one folder to be kept as sign as progress complete and awaiting for the next project or updating the latest project handler. - Checking the meeting and update the meeting that will be held this Thursday and preparing some material by supervisor before the presentation day. - Getting to check the update coming soon to develop after the meeting for this week and check the material needs.
06/12/2023	- Preparing slide for tommorrow meeting and able to complete slide for the Insatsu Printing System slide meeting and presentation. - Checking my slide with my supervisor and approve the slide for the meeting discussion and system development for the system. - Design the UI for the clock replica web system and implement inside the web server and able to count the time based on places. - Preparing some material and added some dummy data for the meeting tommorow and able to alter the table and record for the meeting. - Upload my report inside the logbook and waiting for the weekend to submit inside the e-penyeliaan system in UNIMAS website.
07/12/2023	- Attending meeting with manager and leader process to discuss the system proposal and the project additional information added. - Noted every leader and manager requirement during the meeting and discuss the proposed system directly after the meeting ended. - Extend meeting for the Insatsu Printing System to upcoming meeting because manager schedule are very pack and only get to meeting for Seikei Scanning System. - Report back to my supervisor for clear meeting new requirement needed from the process and get to know the manager needed. - Planing to complete the Insatsu Printing System by next week and begin to implement by tommorrow and design the scratch of the system.

08/12/2023	o Continuing to update the javascript for the system Insatsu Printing where can display inline with the system web server and able to do calculation by directional. o Finish to develop the system function and proceed to do the fiting new system with the UI that has been design and align everything with the current one. o Helping my intern mate to solve their code problem for the Insatsu Scanning System which has been update from the last meeting for a week. o Compile my report for a week and update inside the e-penyelia later after the office hour end and asking for the supervisor approval. o Do the 5s inside the office at the end of the office hour to ensure the office clean before leaving the office for the weekend and long day.
09/12/2023	o Weekend.
10/12/2023	o Weekend.

Name and Signature of Supervisor

Date

DATE / TIME	ACTIVITY
11/12/2023	- Designing the Insatsu Printing System to best fit update that has been proposed by me where data is update inline. - Get the update from the last meeting for the Seikei Scanning System to be improve and noted from my supervisor. - Update and adding a new features inside the current system from Seikei Scanning System to overide become version 2.0. - Succeed to implement part distinguish factory and still finding soution for the scanning alghorithm for the Lot No of the material. - Familiar with the Insatsu Printing System to matching the function and get to fit the code design with the Lot No scan by sequel.
12/12/2023	- Adding new features to the Seikei Scanning System for the tablet mode using javascript and php and able to design filter inside the tablet. - Trying to added some dummy data and try the filter with the XAMPP server and looking for the functional back-end function coming up. - Adding some more data to try data filtering inside the server and able to implement the code with my own functionality with resources from GitHub. - Update my system design for the UI where the Lot No for the tablet mode must insert value first before the machine number was scan. - Compile and finish up the code without bug and able to develop the function of the filter alter with the Seikei Lot No with a lot of research.
13/12/2023	- Implement the Insatsu Printing System for the live data calculation and able to implement inside the server and awaiting for the next upcoming meeting. - Design the js for the name file for the upload inside the Seikei Scanning System and able to perform error handler and able to handle error of the input. - Continue to design the tablet code which is can filter the Lot No by sequence and able to execute the real data from the database. - Get the update the string compare and still finding the solution for the system where its only able to find a way that the data execute. - Upload my logbook inside the system.
14/12/2023	- Design the filter for the Seikei Lot No filter where user can alert with the first Lot No number to be scan based on the sequences and correct Lot No key in. - Implement the filter successfully inside the XAMPP server and able to used the filter properly and can evaluate the Lot No based on the sequences. - Design back my UI looks where the logo in the middle of the title more comfort and convinient for the user to used and alerting that the system usage. - Alter my database for the server and also for the XAMPP server for the trial later so the data more fined and not overflowing the database. - Manage to complete 2 system within 4 month of the internship and the progress are quite that far and requesting for the extra project.

15/12/2023	o Designing back my UI with the latest template where it follow the standardize from the server and able to fit with the system. o Success to implement filter from the Lot No for Seikei Scanning System and able to evaluate the Lot No based on the sequence of the alpabhetic and numeric. o Research on the Lot No pattern to look for the outbound pattern of the Lot No for the Seikei Scanning where found the similar pattern for the year and nothing change. o Finishing my system based on last meeting requirement and implement inside the server by next week if the compatible was found inside the system. o Compile the report for a week inside the logbook and upload inside the e-penyelia system for the current week of the report in UNIMAS system.
16/12/2023	o Weekend.
17/12/2023	o Weekend.

Name and Signature of Supervisor

Date

DATE / TIME	ACTIVITY
18/12/2023	o Refine back the Seikei Scanning System for the scanning tablet where can evaluate the Lot No with perfect sequence. o Get the date for publishing the system inside the server and ready for the usage at trial factory process. o Get to update the filter with deep filtering inside the tablet where able to find the Lot number sequences. o Upload my logbook inside the system and get the update. o Help my intern mate to solve their problem regarding the development and still in progress of producing the web UI.
19/12/2023	o Implement the Seikei Scanning System inside the server for the process underground usage and waiting for the process leader to setting up the system. o Design and update back the Seikei Scanning System based on the supervisor requirement and comes out with result that needed. o Design back the data filtering for the Lot No which only perform for the data that has the specific Lot No and able to implement it. o Get the new project which is Weighing Record System for the next project which to design the exporting the database into excel. o Able to complete the system within a day and comes out with the result from the design and proper way of convert sql database into excel.
20/12/2023	o Updating my php filter code for the Seikei Scanning System and trying possible filter to create the new filter that used to filter against the Lot No. o Using similar function where the previous for loop for the php code is wrongly assign looping and didn't do sequence evaluation. o Altering the code at the end found a solution and able to execute the filter together with the functionlity inside the server and virtual server. o Complete to updating the Seikei Scanning System until further trial process needed to updating based on the requirement. o Updating and coding the new project which is Weighing System for the extra project which currently under process of designing the system excel.
21/12/2023	o Finish developing Weighing System for excel import functionality in web server where used to convert database into excel form report. o Updating to my supervisor regarding the completition of the additional project and get the new project more to finish. o Designing the best UI for the MSS Calculation System where have complete 20% for now and continue after the next week after the holiday. o Visiting my data and collect the neccessary information regarding the update and make sure the system working fine before the end of the day. o Complie and update my report inside the e-penyelia logbook to update my internship progress to UNIMAS website and able to enjoy my holiday.
22/12/2023	o Public Holiday (All Normal Shift worker off-duty).
23/12/2023	o Weekend.

24/12/2023	○ Weekend.

Name and Signature of Supervisor

Date

DATE / TIME	ACTIVITY
25/12/2023	○ Christmas Holiday (Public Holiday).
26/12/2023	• Christmas Holiday (Public Holiday).
27/12/2023	○ Designing the UI for the MSS Calculator in the XAMPP server for the first sketch of the system design. ○ Using the template from the current system server and able to design and completely follow the real template excel given. ○ Colouring the table and the font based on the excel format given and follow the exact UI like in the excel. ○ Matching and familiar with the UI when it zoom in and out where it can maintain it context based on user usage. ○ Implement the UNIX data insertion inside the XAMPP server and predict the upcoming progress by tommorow.
28/12/2023	○ Complete first sketch of the MSS Calculator form of the design and get the suit look where almost look alike to the function of the system. ○ Complete the data variable to do calculation inside the web server and waiting to do the calculation part inside the js code. ○ Look for the Insatsu Printing System UI where quite messy a bit and altering a few design to make it look better. ○ Implement span with the UI interface so the web pages more align with the chrome size without obstacles in the display. ○ Planning to complete the MSS Calculator by this week so next project will be upcoming soon with the planning.
29/12/2023	○ Completing the MSS Calculator System in web server and able to perform calculation inside the server and execute the answer. ○ Discover previous project for the MSS Calculator found that it's project that has been discontinue due to lack some functionality. ○ Trying to test each result to check for possible bug and error in calculation until the further update needed into the system. ○ Approach mdm masirah at the admin office to sign the allowance that given by monthly and walking around to strecth some body. ○ Compile and upload my weekly report into the e-penyeliaan system to update my weekly logbook report and report.
30/12/2023	○ Weekend.
31/12/2023	○ Weekend.

Name and Signature of Supervisor

Date

WEEK : 18

DATE / TIME	ACTIVITY
01/01/2024	○ New Year Holiday (Public Holiday).
02/01/2024	○ Refine back the system of the Seikei Scanning System to detect the change could made to the system so system and found no problem so far. ○ Helping my intern mate to solve their problem regarding the system coding and able to solve the problem drectinaly. ○ Submit my monthly report of LogBook to my supervisor and get them to check my LogBook for the December. ○ Checking for the template of the MSS Calculator System where it looks very unfunctional and unable to do the calculation part inside the web server. ○ Planning to get more project form to supervisor to be done during the 2 month left of the internship period at the company.
03/01/2024	○ Creating the new features for the system web server for the server where can zoom the image in the system. ○ Applying the zoom picture system into the system where can run smoothly and able to see the zoom image without controlling mouse. ○ Helping my intern mate to solve their code problem where for the Water Barrel system UI for the web server. ○ Checking the develop system to check for the bug and found no bug inside each develop system in the server. ○ Planning to do next project for tommorow and apply for the new project idea to get the work done.
04/01/2024	○ Follow my supervisor to the ground process to implement the Seikei Scanning System for trial data insertion usage at the machine process. ○ Helping the people to implement the system in the pc and adressing the link for the system server so that can be used. ○ Checking and try insertion and do the quick tutorial to the process handler to demo how the system work and how to key-in the data. ○ Implement the checkroid function at the system and able to develop the system for usage at the ground process for trial process. ○ Linking the data insertion of the Seikei Older System to the latest system so that it's update on the link.
05/01/2024	○ Refine the database based on the user key-in and remove the null value inside the system and updating the null value. ○ Refine back the code to altering the empty places so the user can key-in the excel with good. ○ Report my system inside the e-penyelia UNIMAS. ○ Still maintain the system to update the null value and the old data.
06/01/2024	○ Weekend.
07/01/2024	○ Weekend.

Name and Signature of Supervisor

Date

WEEK : 19

DATE / TIME	ACTIVITY
08/01/2024	- Refine and finish updating the Seikei Scanning System for process use trial and found no bug inside the system. - Updating the Seikei Tablet where it can send the lot number match even didn't check the match and not match. - Updating the javascript code to evaluate the Staff ID availability and check the system buggy and no bug was found. - Last measure the system and found no more update until the furture notice to change the current system progress. - Helping my supervisor linking the Seikei Adjustment Record on the system to stabalize the system in the smart e.
09/01/2024	- Installing the checkroid function for the new system which is Seikei Scanning System for factory 6 and factory 4. - Noted all the update by leader process. - Develop the seikei adjustment record until finish.
10/01/2024	- Complete updating the Seikei Scanning System tablet mode and website mode where update request by leader of the process. - Finish updating checkroid function where user cannot skip the rule of scanner when scanning the material lot no inside the process. - Maintenance complete and the system able to function for the long term and functioning as the intended system requirement. - Updating the filter of the system where can filter all variant of the lot no and select all the class of the material lot no. - Completing the error searching for Seikei Analyze for the seikei additional project by my supervisor and not yet started to study sql.
11/01/2024	- Finishing refine the Seikei Analyze system which the filter works well and able to search the data accuracy based on the user need. - Creating slide for the internship report of the visit on the 31 january by UNIMAS supervisor and finish design the first sketch of the slide. - Report to my supervisor for the MSS Calculator has been complete and been use for trial at process ground usages. - Visiting my Seikei Scanning System for the data management where all the data was key in well and perfectly without any bug. - Acknowledge regarding the Insatsu Printing Meeting on the next week for the calculation method of the system.
12/01/2024	- Completing the slide for the intern review next week. - Seikei Scanning Solution still under same lot no can store. - Seikei Analyze complete refine.
13/01/2024	Weekend.
14/01/2024	Weekend.

Name and Signature of Supervisor

Date

WEEK : 20

DATE / TIME	ACTIVITY
15/01/2024	o Adding the new filter which is for the Seikei Scanning System to delete the record that have double lot no and multiple value. o The system able to filtering through the new added at the top and the oldest down the table row. o Presenting the Insatsu Printing System calculator for the process usage and able to go trial at the process used. o Presentation of the summary internship programme of the season to all my supervisor and receive the feedback of the overall internship. o Compile and correcting the feedback for the presentation and refine back the necessary information that be given.
16/01/2024	o Monitor the Seikei Scanning System in the server to check the unusual data entry into the server. o Maintenance the MSS Calculator from the process feedback regarding the last function of calculation. o Understanding Haigou Tokou scanning function and learning the data pattern and entry in the server. o Update the XAMPP server to monitorize the work progress and update the old files. o Finding the system UI css for updating the current layout where does not function for the latest version.
17/01/2024	o Continue to develop the Haigou Tokou scanner and rapid develop the system to combine from the oldest version. o Understanding the Haigou Tokou System and how does the scanner work and how the relation of the database. o Pruposed new design of the data assignation to get the data manage well and get the database well. o Complete the system and sketch of the need from skretch into the system design. o Updating the task to be complish and upload in the system.
18/01/2024	o Completing design for first view of the scanner the system Haigou Tokou and able to scan the machine based on the requirement. o Margin all the scanner table into one to easily manage the table in the database and linking the database. o Checking the Seikei Scanning System in the server and didn't found a new data entry also pattern by the process. o Compile and report the system to my supervisor by tommorow to approve the project proposed in the server. o Download the cursor to try new thing inside the office and able to develop the new cursor.
19/01/2024	o Rapid develop the Haigou Tokou and complete the system. o Update the Insatsu Printing System based on the last meeting. o Still figuring the problem encounter and able to comes out the result at the end. o Update the noted and system changes. o Upload the report.

20/01/2024	∘ Weekend.
21/01/2024	∘ Weekend.

Name and Signature of Supervisor

Date