FACULTY OF INFORMATION TECHNOLOGY
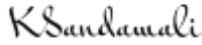
UNIVERSITY OF MORATUWA, SRI LANKA

FOUR - WEEKLY CONTINUOUS ASSESSMENT REPORT SHEET

(To be submitted Four-Weekly (Every four weeks) to the Training Division and a total of 6 reports are expected by the end of training)

Refer also page 6 of Training Handbook

1.	Name of Undergraduate (as appearing in the Undergraduate Register at the University)	Abeygunasekara K.N																		
2.	Undergraduate Registration No.	1		8		4		0		0		1		K						
3.	Address, Phone Number and E-mail contact details during training	No 20,Karandagasthenna, Hiriwadunna.																		
		0	7	1	3	6	8	0	2	9	5	nimnaka.18@itfac.mrt.ac.lk								
4.	Training Stage[1]	Level 3																		
5.	Overall Training Period	From										To								
		1	0	/	0	1	/	2	0	2	2	2	4	/	0	6	/	2	0	2	2
7.	Name, Address and Phone No. of Training Establishment and Officer in charge of Undergraduate	Kaushalya Sandamali Pigera, Unicorn Solutions (Pvt) Ltd, 21/8A Chandra Silva Mawatha, Pagoda Rd, Nugegoda																		
								0	1	1	2	8	1	1	9	4	4			
8.	Report for four (4) week period	From										To								
		Week #						Week #												
		0	7	/	0	3	/	2	0	2	2	0	3	/	0	4	/	2	0	2	2

9. Details on Undergraduate's3

9.1 Work [1]	**Excellent**	Good	Satisfactory	Poor
9.2 Conduct [1]	**Excellent**	Good	Satisfactory	Poor
9.3 Attendance [1]	**Excellent**	Good	Satisfactory	Poor
9.4 Days of leave during month	Authorised	0	Unauthorised	0
9.5 Comments by Engineer / Officer in charge of Undergraduate	He was contributed to the new feature called system settings. Did UI implementation, Actions calls, manage redux store and saga calls. He was self-learning about formic library, YUP validation and also Mongo DB, also writing unit tests and fixing bugs of his code. He done his work properly and he has interest about learning new things.			

10. Signature, Name and Official Seal of Engineer / Officer in charge of Undergraduate	*KSandamali* Kaushalya Sandamali Software Engineer

In the last month, I studied the new feature document and what we have to do next. So I could get a clear idea about what and how to do it. After reading, I studied the code the mentor did far. After, I wrote unit test cases to manage court types. The mentor always checked my code and taught me how to write better way unit tests. After finishing writing unit test cases, the mentor gave us the new feature. Then the mentor divided the task list and the mentor assign me one task. I had to create an action file, service file, and saga file. Then I wrote Redux Action, Saga, and Service functions in each file. After I bind redux action with UI. After finishing UI work, I started writing Unit test cases for my task. I mocked data for unit testing. The team lead mentored me every time and gave me guidance to write unit cases accurately. After, I compared UI with the user story. I checked all things are working properly as mentioned in the user story. Then I identified bugs and get an idea about why they happened. After API comes I bind API in the service file.

Also last month I implement the MERN project with crud operation. I created a small project, it used for school management. I could finish the login system. I created fomik form for sign up. I added validation using yup lib. I created a Mongo DB database and connect the frontend and backend. Then I could practice crud operation. Also, I did authentication using the JWT token. I studied ANTD and I modify my project using that, Also I modified code using bootstrap and CSS. Also, I implemented a login system with React TS and .Net.I used Entity Frame Work to create the model and controller file. Then I got an idea of how to write crud operation in the .Net backend. After, I added a Quiz system for my self-study project. I could create a dynamic form for it. Then anyone can create a Quiz without any technical knowledge. Also, I added a file upload system. Then I can add a pdf document, image to my system. Also last month I created a personal web page using react. I added this to my git repository.

Also last month I again read fomik documentation, redux and react documentation, and ANTD documentation. Also, I watched React videos to improve my skill. I studied UseCallback hooks and memo hooks. Also, I studied the payment systems and how to create in react. I have started creating a payment system now.