

**Annex. D**

**FOUR - WEEKLY CONTINUOUS ASSESSMENT REPORT**

(Please Refer Section 9, page 5 of Training Guideline Book for details)

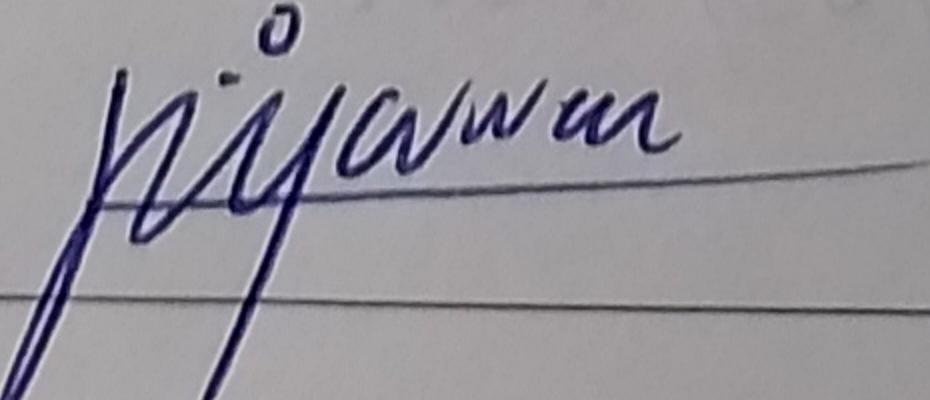
#	Report Details								
1	Report Number	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input checked="" type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>		
2	For the Duration	From	28	03	2022	To	24	04	2022

#	Undergraduate's Details											
1	Name as per Register	Mr. / Ms. THALAGALA B. P.										
2	Index Number	180631J										
3	Discipline	BM <input type="checkbox"/> CH <input type="checkbox"/> CE <input type="checkbox"/> CS <input type="checkbox"/> EE <input type="checkbox"/> EN <input checked="" type="checkbox"/> ER <input type="checkbox"/> ME <input type="checkbox"/> MT <input type="checkbox"/> TL <input type="checkbox"/> TT <input type="checkbox"/>										
4	Contact Phone Number	0750296594										
5	Email	180631j@uom.lk										
6	Personal Address During	326/2, Kandahena, Dedigamuwa.										

#	Training Provider Details											
1	Training Provider's Name	LE Robotics (Pvt) Ltd.										
2	Address of Corporate Office	100/4, Divulapitiya Rd, Minuwangoda.										
3	Address of Worksite	100/4, Divulapitiya Rd, Minuwangoda.										
4	Nearest City to Worksite	Minuwangoda										
5	Name of Supervisor	J.A.L. Jayasinghe										
6	Supervisor Position	Engineer In-charge										
7	Supervisor Phone No.	077-2716181										
8	Email	laknijej@lerobotics.lk										

**Important Note!**

A summary of undergraduate's work experience during the considered four (04) weeks period to be attached along with this duly filled Annex. Highlight any shortcomings, problems that the undergraduate experienced, if there were any, for the purpose of improving. Finally, make sure to attach completed assessment by the Supervisor (see overleaf).

Endorsement by the Undergraduate			
Signature of Undergraduate		Date	31/05/2022

**Annex. D (contd.)**

<b>Supervisor's Assessment on Undergraduate</b>						
[rate on a scale from 1 (Disagree) to 5 (Agree)]						
A	Behavioral:	1	2	3	4	5
1	Thinks independently	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Takes initiatives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Reliable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Organized and manages time well	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Results oriented	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Ability to learn from all levels of workers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Adaptability to different environments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	Open to different opinions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Ready to seek assistance when necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	Communicates well in all formats	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B	Technical:	1	2	3	4	5
1	Knows fundamentals related to work assigned	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Able to apply fundamentals to practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Able to analyse and troubleshoot problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Engages modern tools and techniques	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Develops related hands on skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Concerned with quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Performs work in a safe manner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	Develops skills in planning & implementation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Understands costs & benefits relationships	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	Understands business operations in local & global context	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Any Other Remark:						
C	Satisfactory					
D	No. of Days of leave during 4-week period:	Authorized	0	Unauthorized	0	
E	Endorsement by the Supervisor:					
1	Name of the Supervisor	J.A.L. Jayasinghe		Official Stamp	L.E. ROBOTICS (PVT.) LTD. Engineer - In - Charge <i>Jaknje</i>	
2	Position					
3	Signature					
4	Date	31/05/ 2022				

# Summary of work experience - Report No: (4)

From: 28/03/2022 To: 24/04/2022

As a part of my main allocated task of designing an object detection framework, I had to implement two Graphical User Interfaces (GUIs).

The purpose of those two GUIs, is to generate required data for running the object detection framework properly, on a Raspberry Pi Single Board Computer.

One of the mentioned applications is capable of "Calibrating cameras". As explained in one of the previous summaries, camera calibration is an essential process that is done when we have to use images/video capture from an associated camera in our computer vision system.

This user interface design activity gave me a valuable exposure on utilizing theoretical knowledge gathered from university, to implement a real world solution. In addition to that, I could gain a lot of knowledge on "hiding the technical complexity of a product", when we develop solutions for general non-technical savvy persons.

Some of the such techniques includes, providing interactive step by step guidelines to get the job done; enabling/disabling the options available operations depending on the current step of the process and even making as much as operations automate as much as possible underlying processes.

Moreover, this activity gave me a hands-on experience of using industrial level tools to build ~~with~~ Windows Graphical User Interfaces, such as "Visual Studio 2019" software ~~with~~ and "Git" version controlling utility. ( a tool to keep track of the software development process.)

In addition to the design of the mentioned application, the documentation its user manual composition was also done by me. That exposed me to various standards to follow when, writing a user manual. Moreover I realized the importance of iterative verifications ~~of~~ of the a software for better user experience.

Although the data generation happens in a ~~with~~ windows system, the actual object detection framework runs on a Raspberry Pi. This led me to learn and investigate various file transferring protocols to be used in future versions of the mentioned application, to transfer generated data,