

Sri Lanka Institute of Information Technology



Research Project - IT4010

B.Sc. (Hons) in Information Technology

Status Document - 02

Group ID: 24-010

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Specialization: Information Technology

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1. Screenshots of the chats in MS Teams

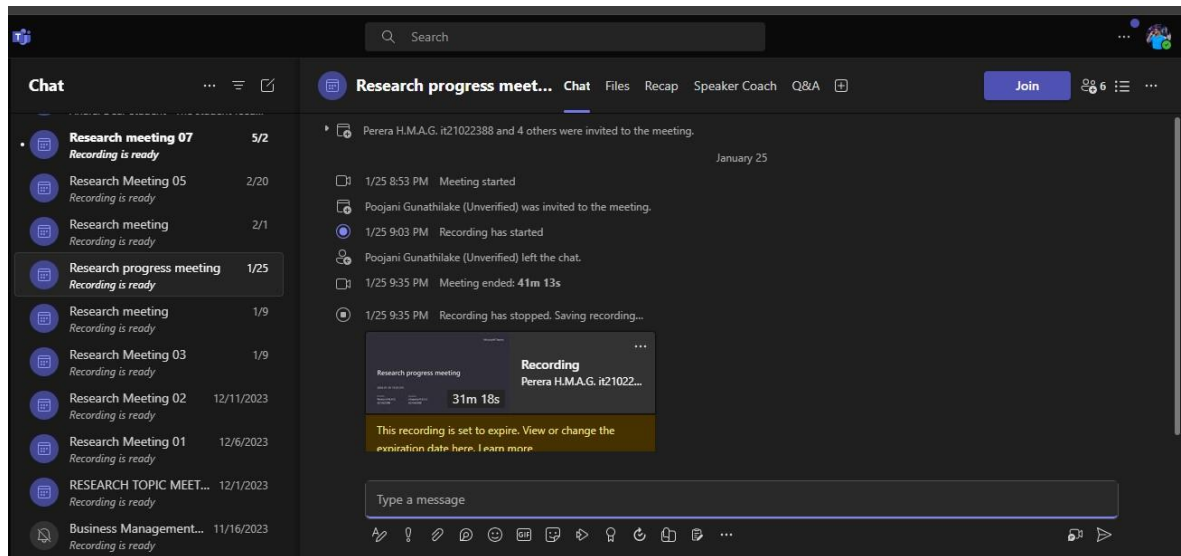


Figure 1. MS Teams Research group channel

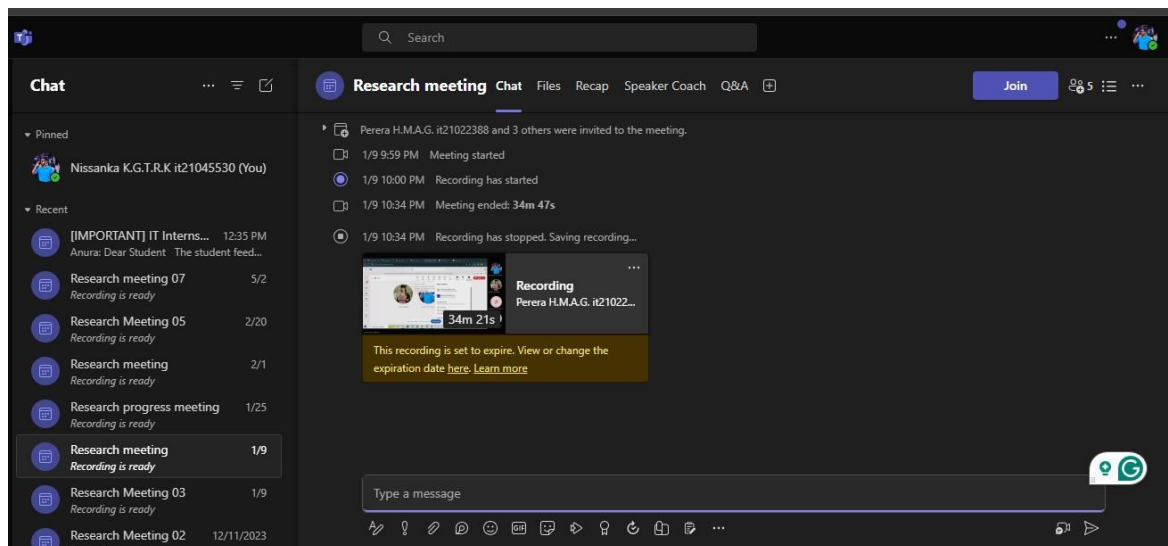


Figure 2. . MS Teams Research group chats

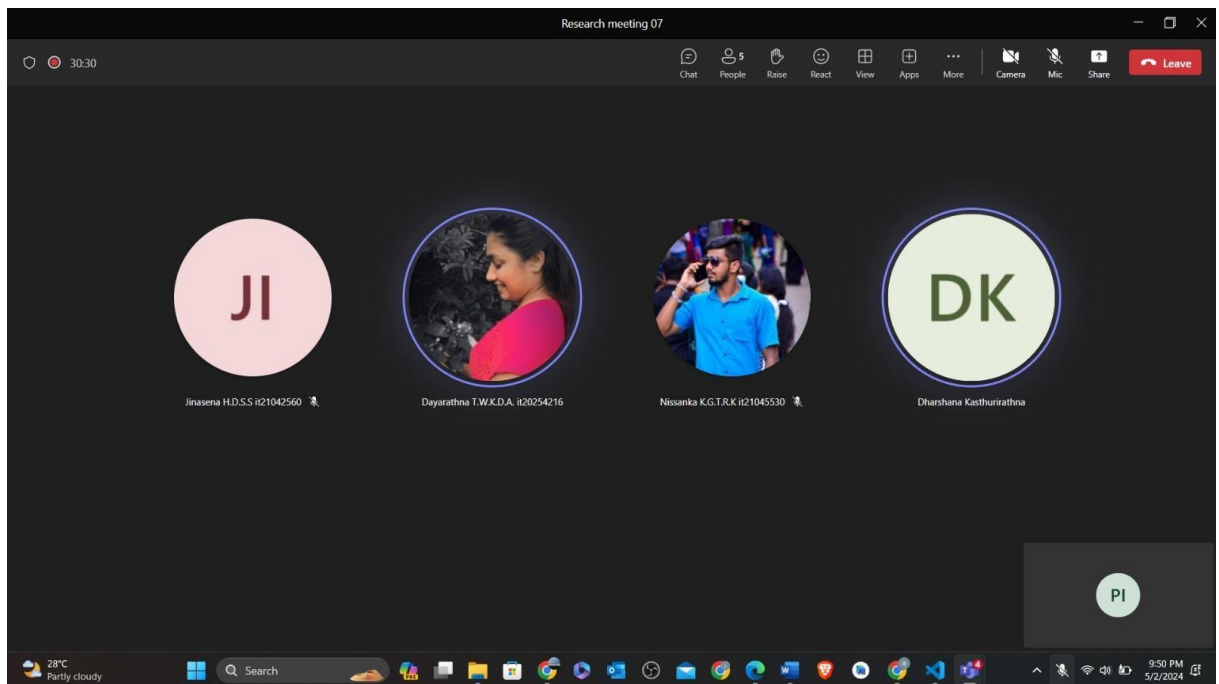


Figure 3. Teams meeting with darshana sir.

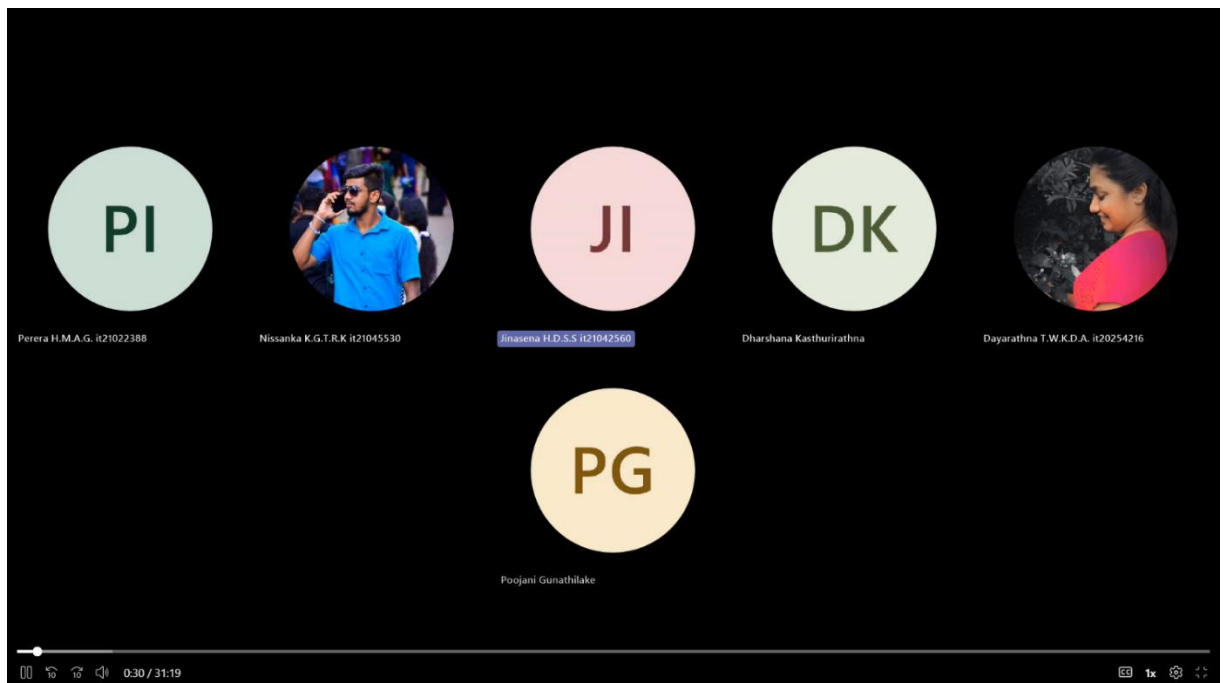


Figure 4. Teams meeting with darshana sir and poojani madam

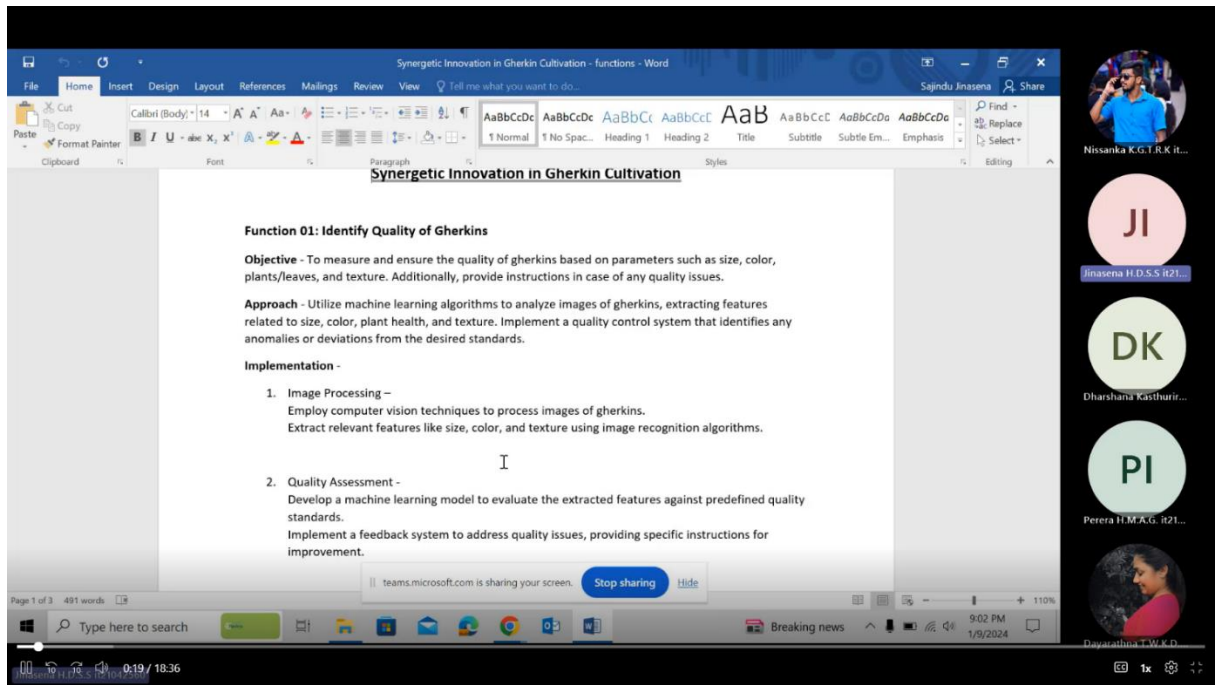


Figure 5. Create documentation parts

2. Screenshots of the WhatsApp group and chats.

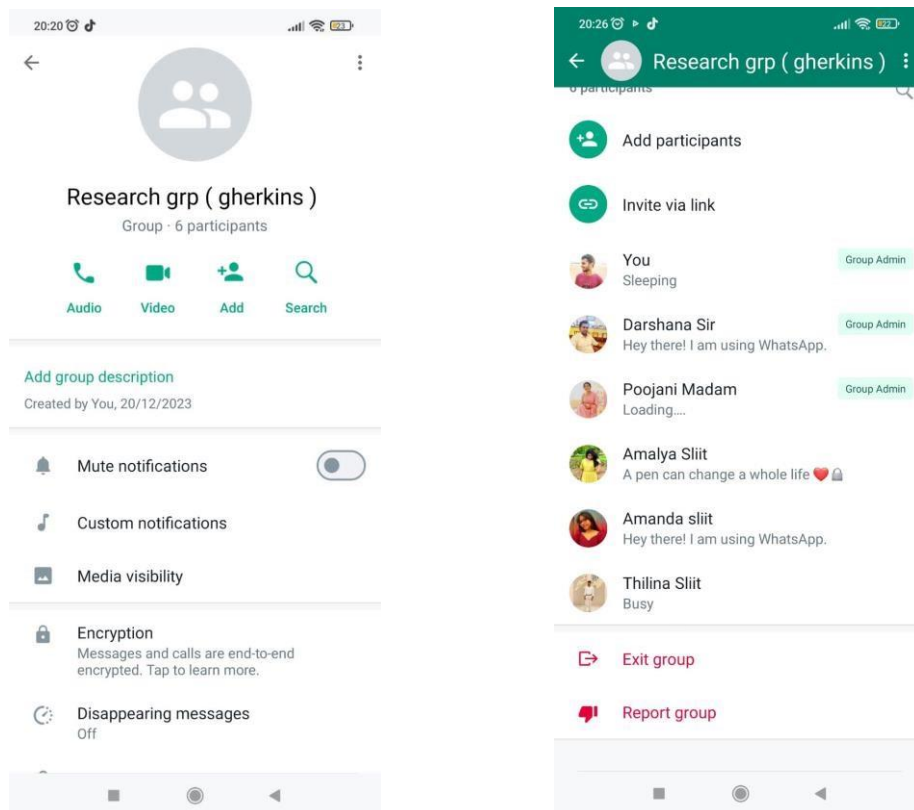


Figure 6. WhatsApp group and chats.

3. Group Working

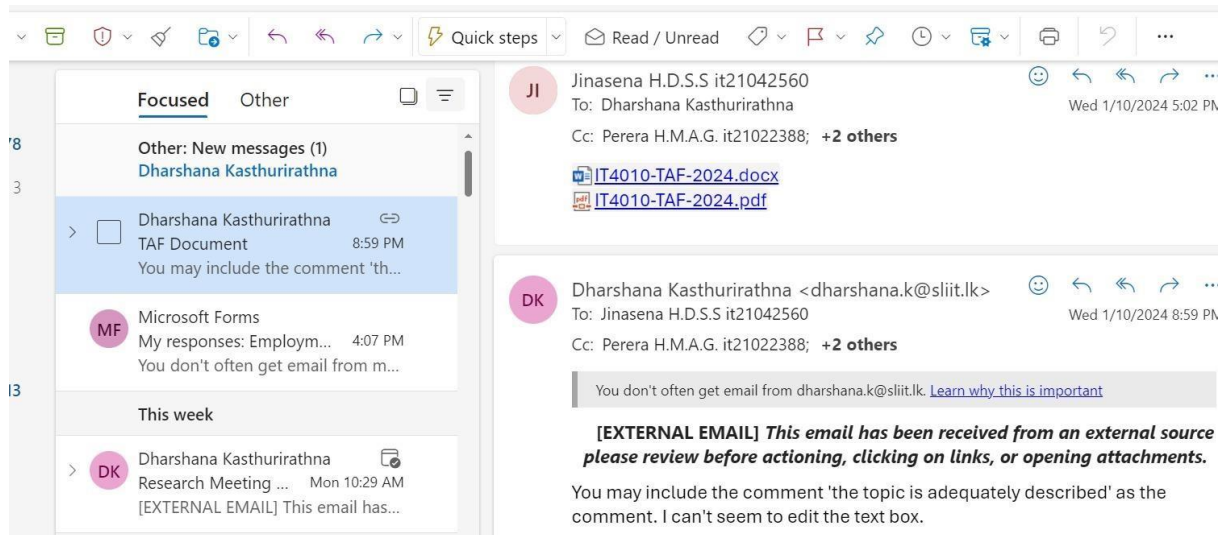


Figure 7. Group working

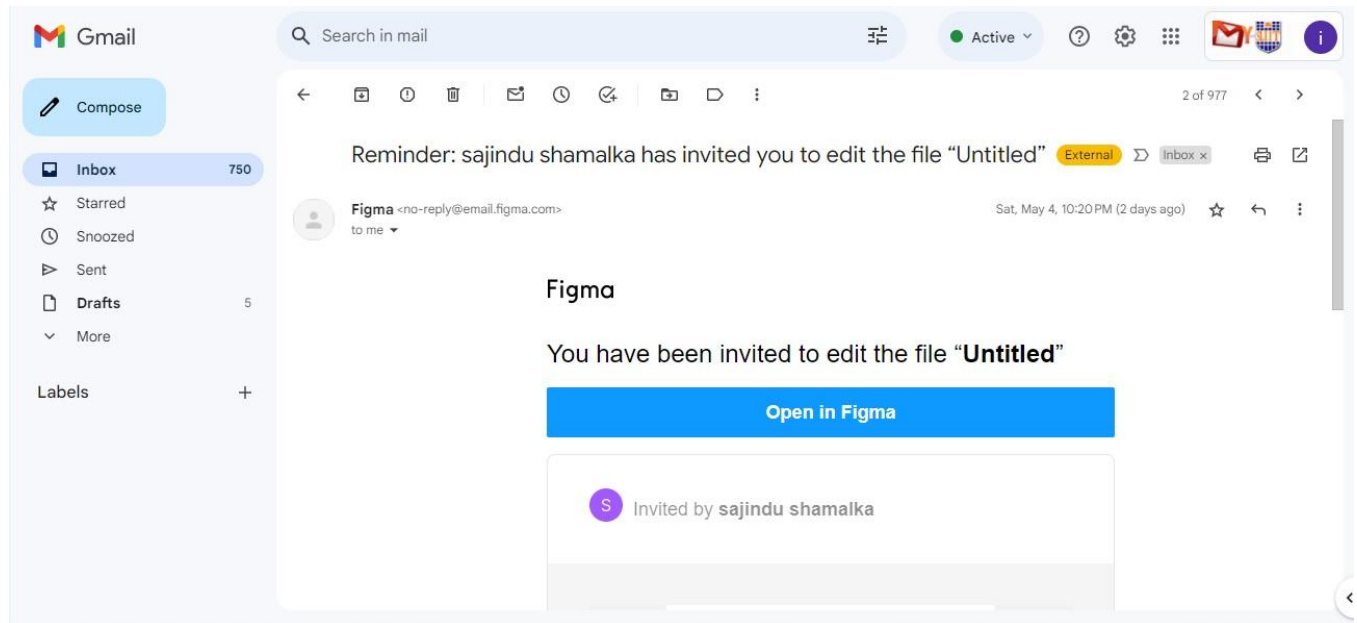
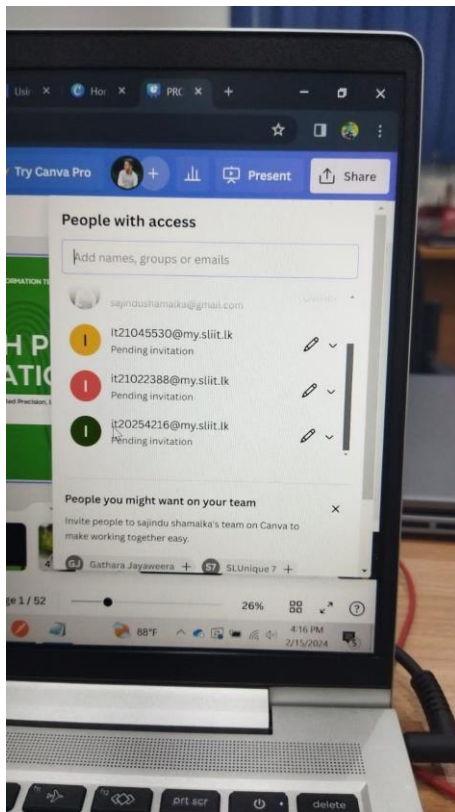


Figure 8. Presentation creating.



4. Create a git Repository and branch

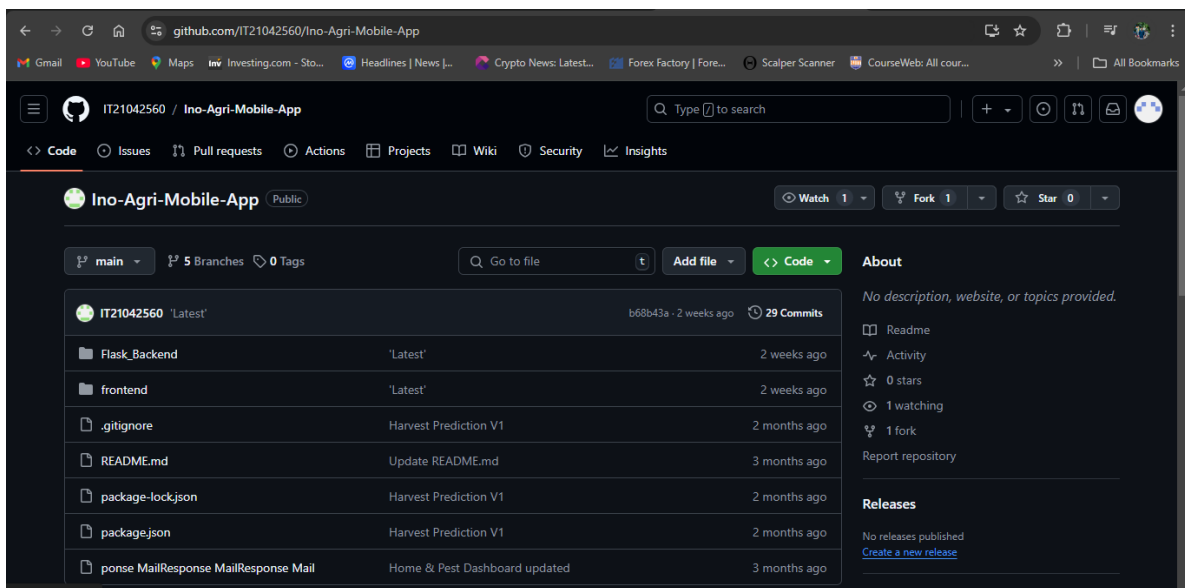


Figure 9. Git Repository and branch

5. Site visit to nikavaratiya



Figure 10. Field visit to nikavaratiya



Figure 11. Field visit to nikavaratiya



Figure 12.. Fild visit to nikavaratiya



6. Company visit to physical meetings and collect data



Figure 13. Company visit and collect data sets



Another day of company visit



Figure 14. collect data from company





Figure 15. collect data from company






Figure 16. data collect and requirements gathering

		Board of Investment of Sri Lanka		45/FO/ZM/18	
		Export Processing Zone - Biyagama			
		Temporary Entry Permit			
Gate No. :	1	Internal Request	Permit No. :	0003942950	
			Request Ref. No. :	0002272573	
<u>Visitors / Suppliers / Businessmen / Contractors</u>					
Date of Issue :	10/04/2024 10:33AM	Issued to :	Jinasena J.D.S.S		
Identification No. :	200032300967	Place of Visit :	H.J.S. CONDIMENTS LTD. 134004363-1		
Purpose :	Visitor	Valid From :	10/04/2024	To :	10/04/2024
	Rs.110.00/=				
	(Inclusive of applicable VAT) VAT Reg. No. : 409038018-7000				
Authorised Officer					
NB : Individuals - National Identity Card to be produced along with the permit					
Vehicle - This permit must be displayed on the top left hand corner of the wind screen of the vehicle					

		Board of Investment of Sri Lanka		45/FO/ZM/18	
		Export Processing Zone - Biyagama			
		Temporary Entry Permit			
Gate No. :	1	Internal Request	Permit No. :	0003942951	
			Request Ref. No. :	0002272573	
<u>Visitors / Suppliers / Businessmen / Contractors</u>					
Date of Issue :	10/04/2024 10:33AM	Issued to :	Perera h.m.g		
Identification No. :	200065600216	Place of Visit :	H.J.S. CONDIMENTS LTD. 134004363-1		
Purpose :	Visitor	Valid From :	10/04/2024	To :	10/04/2024
	Rs.110.00/=				
	(Inclusive of applicable VAT) VAT Reg. No. : 409038018-7000				
Authorised Officer					
NB : Individuals - National Identity Card to be produced along with the permit					
Vehicle - This permit must be displayed on the top left hand corner of the wind screen of the vehicle					

		Board of Investment of Sri Lanka		45/FO/ZM/18	
		Export Processing Zone - Biyagama			
		Temporary Entry Permit			
Gate No. :	1	Internal Request	Permit No. :	0003942952	
			Request Ref. No. :	0002272573	
<u>Visitors / Suppliers / Businessmen / Contractors</u>					
Date of Issue :	10/04/2024 10:33AM	Issued to :	Nissanka E.g.i.r.k		
Identification No. :	200131302165	Place of Visit :	H.J.S. CONDIMENTS LTD. 134004363-1		
Purpose :	Visitor	Valid From :	10/04/2024	To :	10/04/2024
	Rs.110.00/=				
	(Inclusive of applicable VAT) VAT Reg. No. : 409038018-7000				
Authorised Officer					
NB : Individuals - National Identity Card to be produced along with the permit					
Vehicle - This permit must be displayed on the top left hand corner of the wind screen of the vehicle					


		Board of Investment of Sri Lanka		45/FO/ZM/18	
		Export Processing Zone - Biyagama			
		Temporary Entry Permit			
Gate No. :	1	Internal Request	Permit No. :	0003942953	
			Request Ref. No. :	0002272573	
<u>Visitors / Suppliers / Businessmen / Contractors</u>					
Date of Issue :	10/04/2024 10:33AM	Issued to :	Diyarathena I.W.K.D.S		
Identification No. :	996040682V	Place of Visit :	H.J.S. CONDIMENTS LTD. 134004363-1		
Purpose :	Visitor	Valid From :	10/04/2024	To :	10/04/2024
	Rs.110.00/=				
	(Inclusive of applicable VAT) VAT Reg. No. : 409038018-7000				
Authorised Officer					
NB : Individuals - National Identity Card to be produced along with the permit					
Vehicle - This permit must be displayed on the top left hand corner of the wind screen of the vehicle					

Figure 17. Entry pass for biyagama zone

7. Agreement with the client to get the dataset.

HJS CONDIMENTS LIMITED
Block 61, 61A, 62 & 63, Biyagama Export Processing Zone (B.E.P.Z.), Biyagama, Sri Lanka.
 Tel: +94 (0) 11 2468004, +94 (0) 11 2468271, +94 (0) 11 7021784 Fax: +94 (0) 11 2468720
 E-mail: info@hjs-hayleys.com Web: www.hjs-hayleys.com
 Post: P.O. Box 18, Malwana

Research Collaboration Agreement Between HJS Condiment Limited & Final Year Students of SLIIT

Parties Involved:

This agreement is made on between:

This Agreement is made on this 1st of March Two Thousand and Twenty Four (2024) between HJS CONDIMENTS LIMITED bearing Registration No. PB 408 (OLD No. N (PB5)436 a company duly incorporated under the Laws of Sri Lanka and having its registered office at Block 61, 62, & 63, Biyagama Export Processing Zone, Biyagama, Sri Lanka (hereinafter sometimes called and referred to as the "HJS" which term or expression shall mean and include the said HJS CONDIMENTS LIMITED and its successors and permitted assigns.

&

The Final Year Research Students named in below of Sri Lanka Institute of Information Technology Campus, located in Malabe, Sri Lanka, collectively referred to as the "SLIIT"

JINASENA H.D.S.S. - IT21042560 (200032300967)
 DAYARATHNA T.W.K.D.A. - IT20254516 (996040682 V)
 PERERA H.M.A.G. - IT21022388 (200065600216)
 NISSANKA K.G.T.R.K. - IT21045530 (200131302165)

Background:

HJS Condiment Limited is a company specializing in the production and distribution of fruits and vegetables, particularly gherkins. The company is committed to research and development in the gherkin planting in the industry.

The final year research students of the SLIIT are currently pursuing their academic studies and possess knowledge and skills in various fields relevant to the development of innovative systems for the gherkin industry.

Directors - A.M. Pathiranga (Chairman), Mr. J. Channayana (Managing Director)
 A.C. Pathiranga, D.G. Theodoropoulos, L.N. Abeyaratne,
 S. Kodana, M. Yamahara, M. Symons, G. Obayathilake

Purpose:

The Parties wish to collaborate on the development of an Innovative Multifunctional System to Transform the Gherkin Planting Industry, with specific sub-objectives outlined below:

1. Develop a pest control system incorporating intelligent identification techniques for effective pest management.
2. Design a predictive maintenance system capable of forecasting fertilizer stock levels for efficient management.
3. Implement a disease identification and prediction system to devise effective disease management strategies.
4. Analyze market data to predict gherkin prices nationwide using historical data, weather patterns, global supply and demand, and economic indicators.

Scope of Work:

1. HJS Condiment shall provide access to relevant resources, including but not limited to, data, facilities, and subject matter experts, necessary for the successful execution of the project.
2. The Students shall conduct research, analysis, and development activities as outlined in the sub-objectives above, utilizing their expertise and resources available at SLIIT.
3. Both Parties shall collaborate closely, exchanging information, ideas, and progress reports throughout the project.

Directors - A.M. Pathiranga (Chairman), Mr. J. Channayana (Managing Director)
 A.C. Pathiranga, D.G. Theodoropoulos, L.N. Abeyaratne,
 S. Kodana, M. Yamahara, M. Symons, G. Obayathilake

Intellectual Property:

Any intellectual property developed during the collaboration shall be completely owned by the HJS Condiment Limited. SLIIT students hereby agree that any intellectual property developed during the course of collaboration with HJS Condiment Limited shall remain confidential. Students are expressly prohibited from disclosing, sharing, or otherwise disseminating any such intellectual property to any third party without prior written permission from HJS Condiment Limited. This includes but is not limited to inventions, designs, processes, trademarks, and any other proprietary information developed in connection with the collaboration. Any unauthorized disclosure of intellectual property shall be considered a breach of this agreement and may result in legal action.

Confidentiality:

The parties shall maintain strict confidentiality regarding all proprietary information exchanged during the collaboration. This includes but is not limited to, research findings, data, algorithms, and any other sensitive information.

Term and Termination:

This Agreement shall commence on the date of signing and shall remain in effect until the completion of the project unless terminated earlier by mutual agreement of the Parties or for breach of terms.

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement as of the date first written above.

Directors - A.M. Pathiranga (Chairman), Mr. J. Channayana (Managing Director)
 A.C. Pathiranga, D.G. Theodoropoulos, L.N. Abeyaratne,
 S. Kodana, M. Yamahara, M. Symons, G. Obayathilake

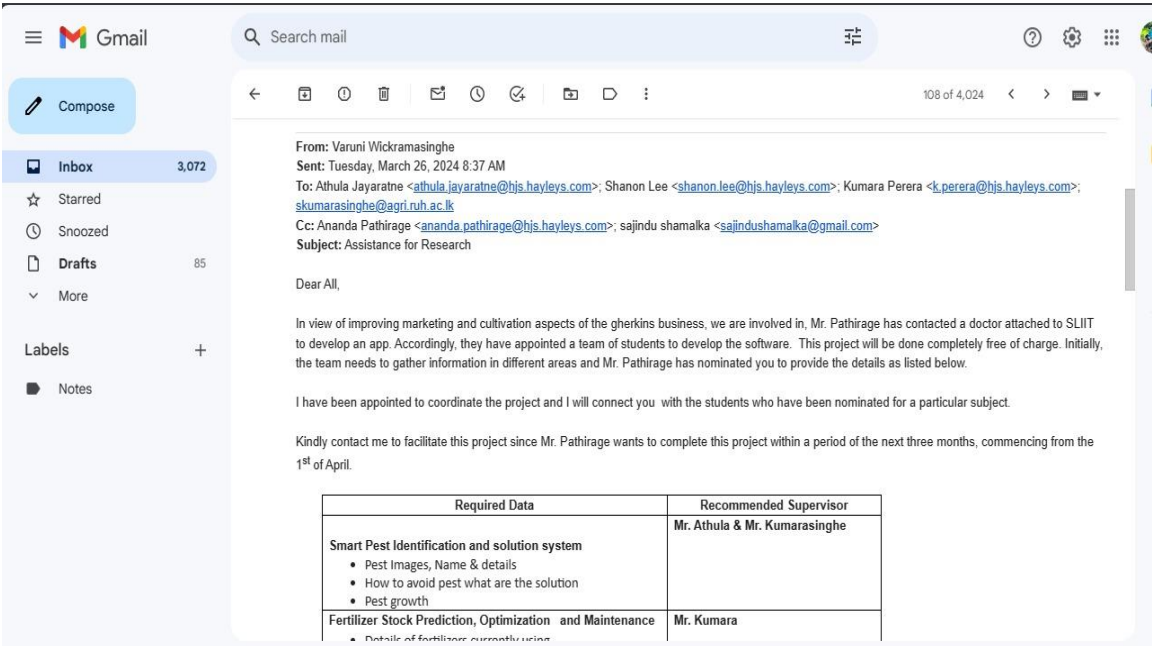
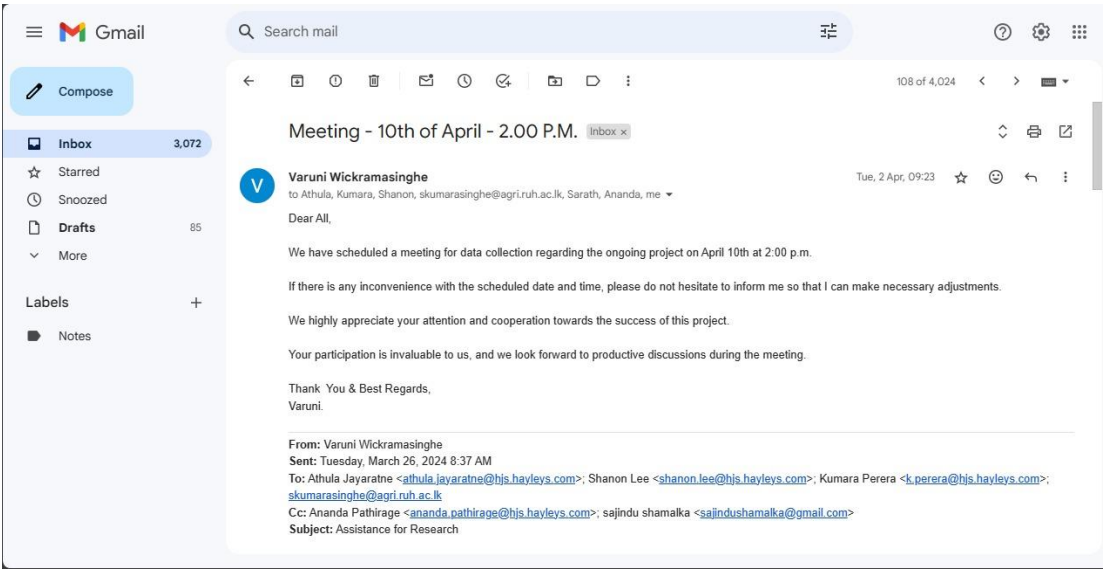
Ananda Pathiranga
 CEO / director
 HJS Condiment Limited:

SLIIT Campus Students

Directors - A.M. Pathiranga (Chairman), Mr. J. Channayana (Managing Director)
 A.C. Pathiranga, D.G. Theodoropoulos, L.N. Abeyaratne,
 S. Kodana, M. Yamahara, M. Symons, G. Obayathilake

Figure 18. Agreement with the client to get the dataset

8. MS Teams meetings and chats with the clients (Hayleys company)



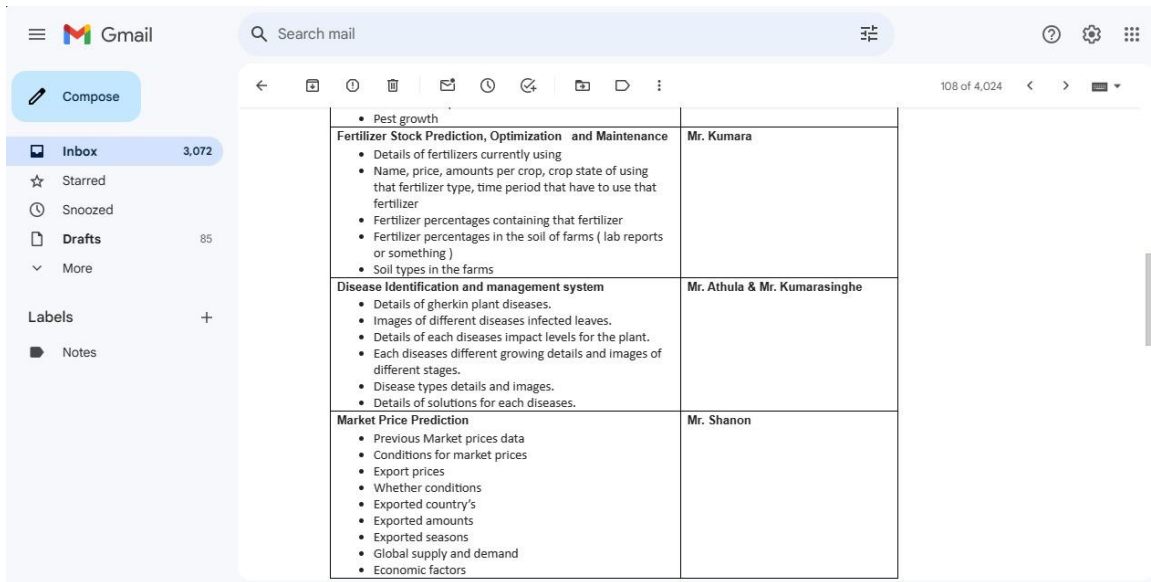


Figure 19. MS Teams meetings and chats with the clients (Hayleys company)