“Mindගුරු”: MOBILE APPLICATION FOR IMPROVE MENTAL HEALTH FOR KIDS WHO HAVE ADHD,OCD AND ANXIETY

Project ID: 2023-24-113

Project Status Document 01

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Sri Lanka Institute of Information Technology

Sri Lanka

Declaration

declare that this is our own work and that this thesis is not incorporated without Acceptance of any material previously submitted for the degree or diploma of any other university or institution of higher learning, and to the best of our knowledge and belief it does so previously published by another person Acceptance of the text does not contain any material received or written.

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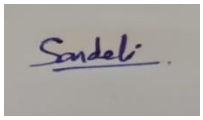
Abeywickrama S.A.	IT20646042	

The above candidate has carried out research for the bachelor's degree dissertation under my supervision.

Signature: Date: 08/01/2024

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Supervisor: Mr. Koliya Pulasinghe

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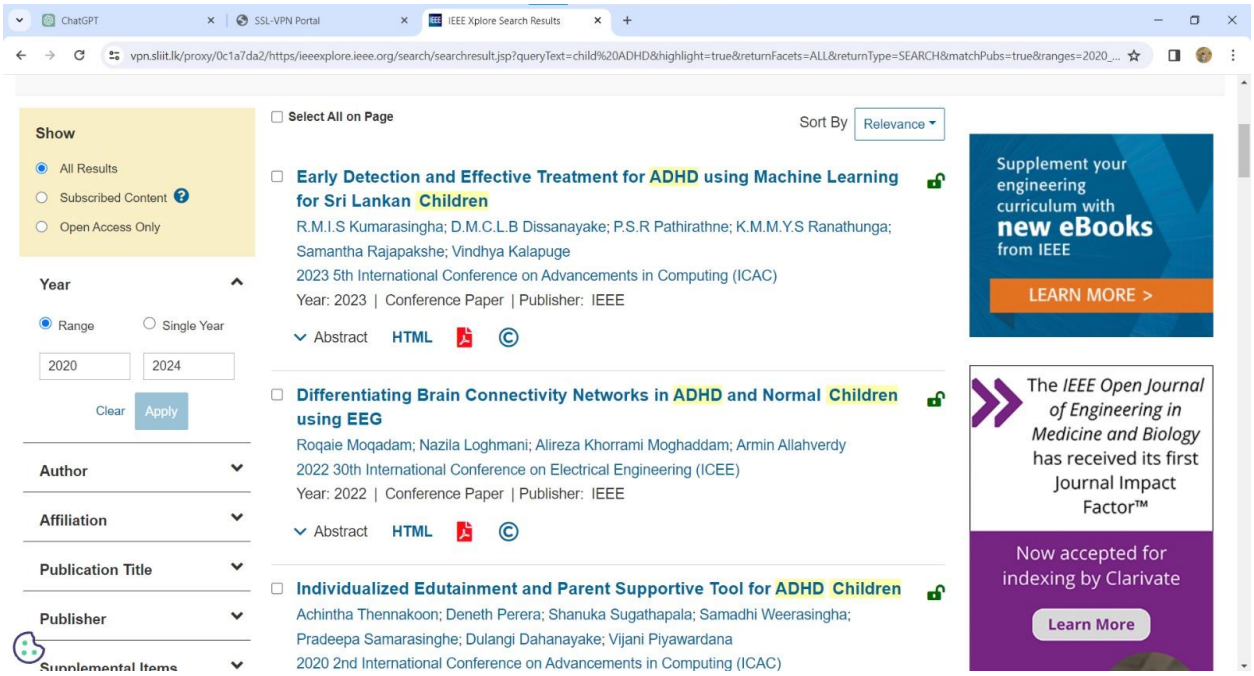
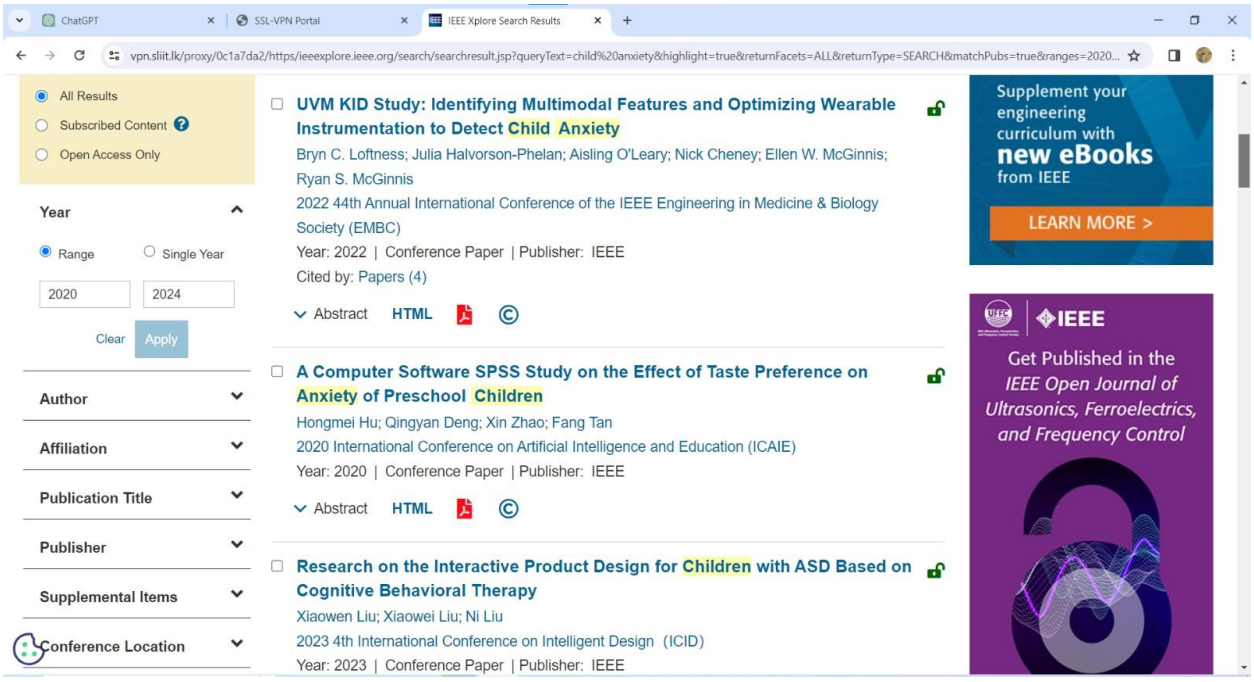
Figure 1: search research papers and other important information details





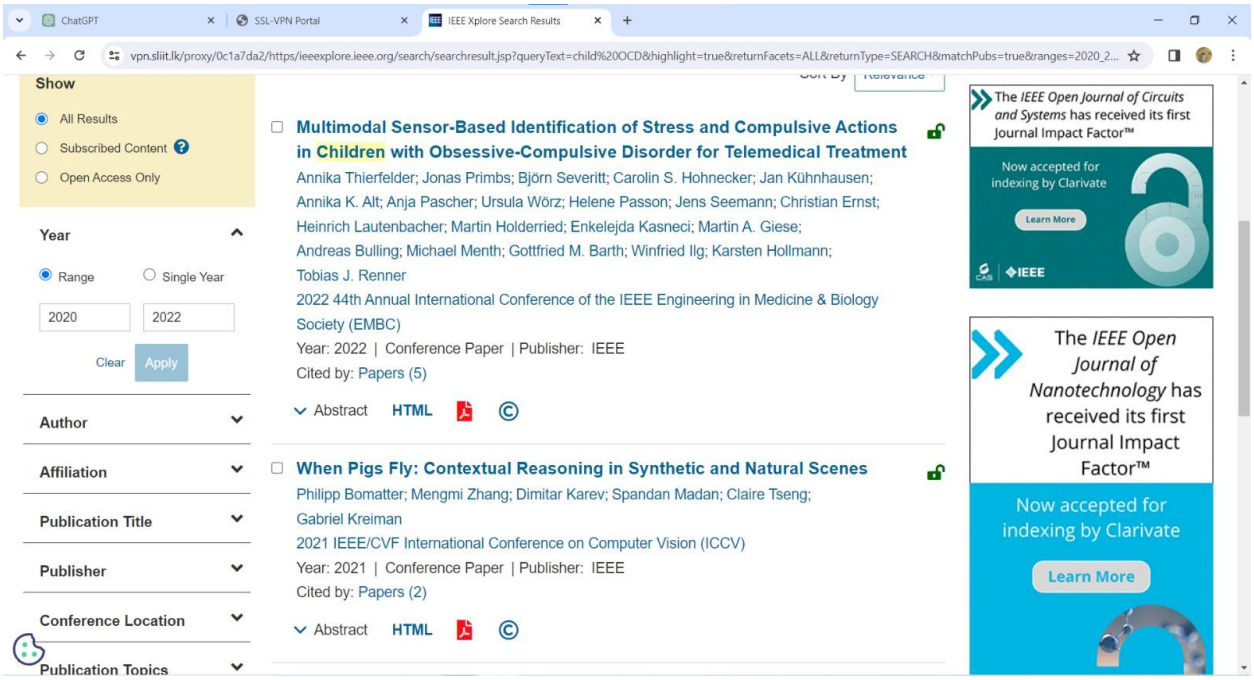


Figure 2: Requesting other information details

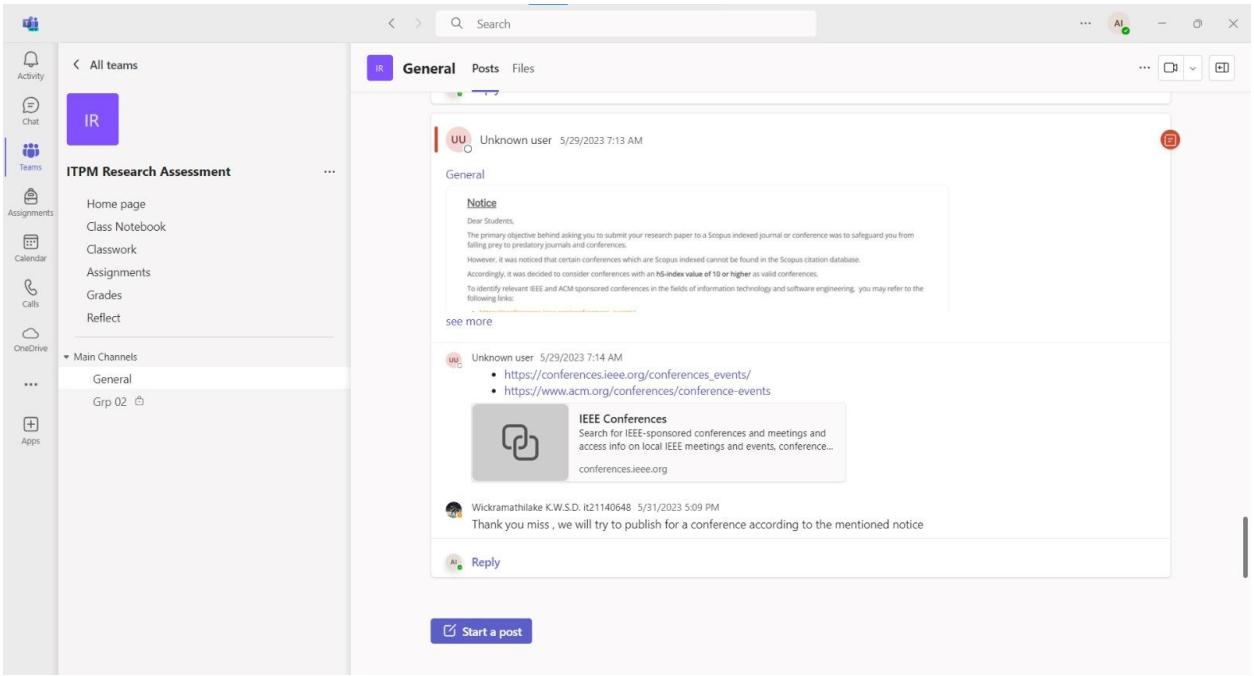


Figure 3: Arrange group meetings via teams

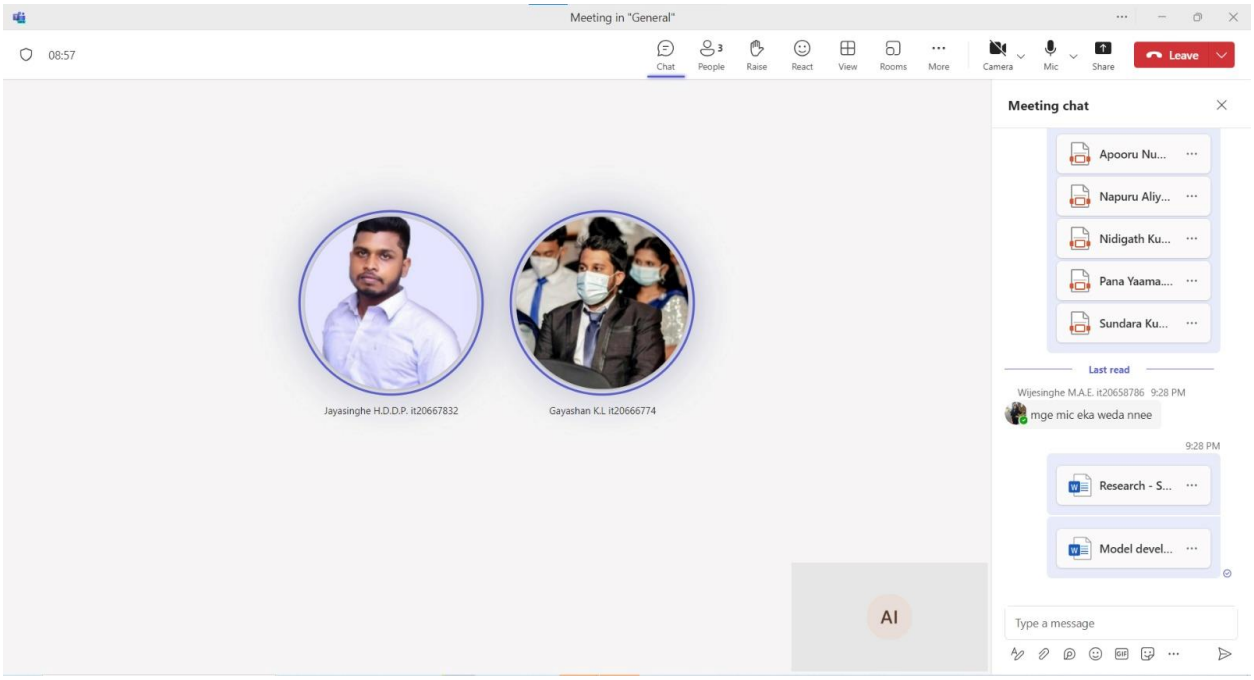
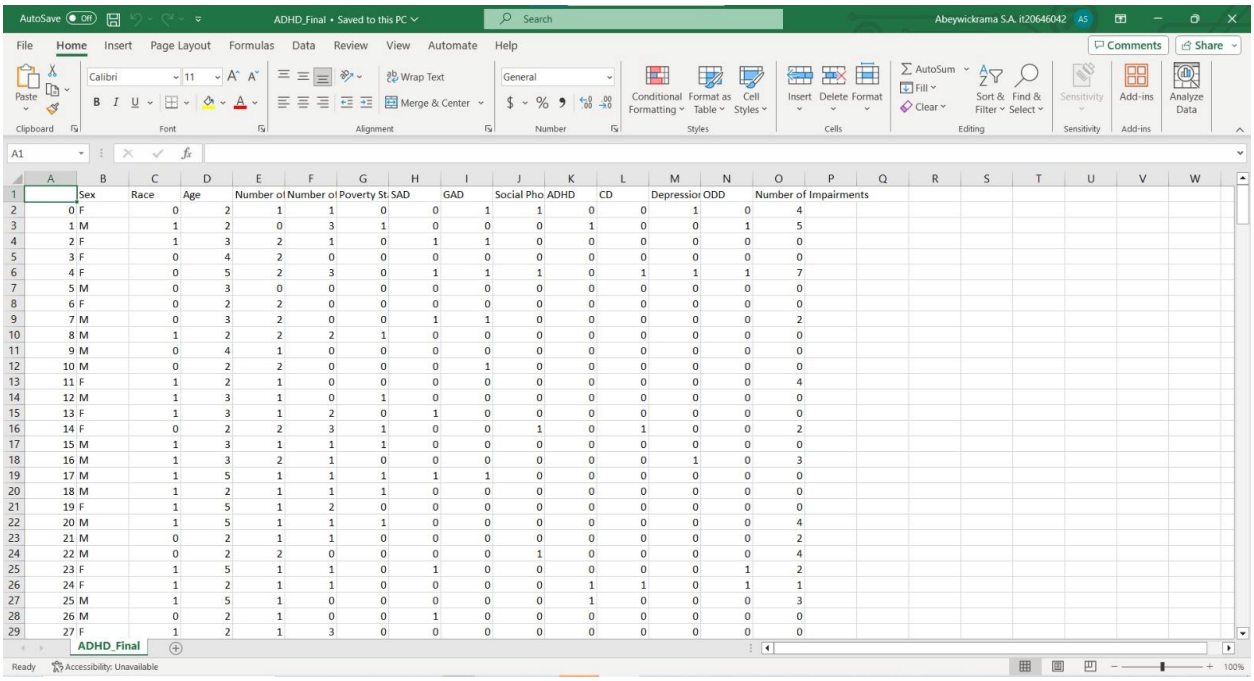


Figure 4: Data sets



	Sex	Race	Age	Number of	Number of	Poverty St	SAD	GAD	Social Pho	ADHD	CD	Depressior	ODD	Number of Impairments
0	F	0	2	1	1	0	0	1	1	0	0	1	0	4
1	M	1	2	0	3	1	0	0	0	1	0	0	1	5
2	F	1	3	2	1	0	1	1	0	0	0	0	0	0
3	F	0	4	2	0	0	0	0	0	0	0	0	0	0
4	F	0	5	2	3	0	1	1	1	0	1	1	1	7
5	M	0	3	0	0	0	0	0	0	0	0	0	0	0
6	F	0	2	2	0	0	0	0	0	0	0	0	0	0
7	M	0	3	2	0	0	1	1	0	0	0	0	0	2
8	M	1	2	2	2	1	0	0	0	0	0	0	0	0
9	M	0	4	1	0	0	0	0	0	0	0	0	0	0
10	M	0	2	2	0	0	0	1	0	0	0	0	0	0
11	F	1	2	1	0	0	0	0	0	0	0	0	0	4
12	M	1	3	1	0	1	0	0	0	0	0	0	0	0
13	F	1	3	1	2	0	1	0	0	0	0	0	0	0
14	F	0	2	2	3	1	0	0	1	0	1	0	0	2
15	M	1	3	1	1	1	0	0	0	0	0	0	0	0
16	M	1	3	2	1	0	0	0	0	0	0	1	0	3
17	M	1	5	1	1	1	1	1	0	0	0	0	0	0
18	M	1	2	1	1	1	0	0	0	0	0	0	0	0
19	F	1	5	1	2	0	0	0	0	0	0	0	0	0
20	M	1	5	1	1	1	0	0	0	0	0	0	0	4
21	M	0	2	1	1	0	0	0	0	0	0	0	0	2
22	M	0	2	2	0	0	0	0	1	0	0	0	0	4
23	F	1	5	1	1	0	1	0	0	0	0	0	1	2
24	F	1	2	1	1	0	0	0	0	1	1	0	1	1
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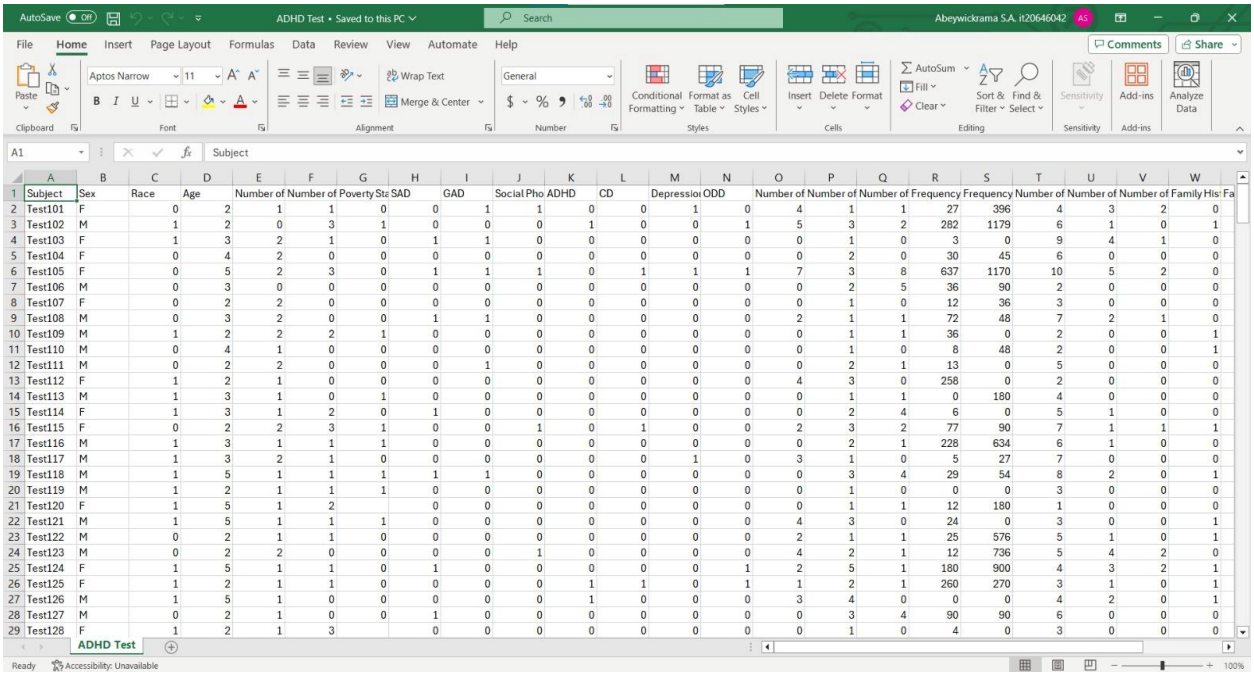

Subject	Sex	Race	Age	Number of	Number of	Poverty Sta	SAD	GAD	Social Pho	ADHD	CD	Depressio	ODD	Number of	Number of	Number of	Frequency	Frequency	Number of	Number of	Number of	Family His	Fa
Test101	F	0	2	1	1	0	0	1	1	0	0	1	0	4	1	1	27	396	4	3	2	0	
Test102	M	1	2	0	3	1	0	0	0	1	0	0	1	5	3	2	282	1179	6	1	0	1	
Test103	F	1	3	2	1	0	1	1	0	0	0	0	0	0	1	0	3	0	9	4	1	0	
Test104	F	0	4	2	0	0	0	0	0	0	0	0	0	0	2	0	30	45	6	0	0	0	
Test105	F	0	5	2	3	0	1	1	1	0	1	1	1	7	3	8	637	1170	10	5	2	0	
Test106	M	0	3	0	0	0	0	0	0	0	0	0	0	0	2	5	36	90	2	0	0	0	
Test107	F	0	2	2	0	0	0	0	0	0	0	0	0	0	1	0	12	36	3	0	0	0	
Test108	M	0	3	2	0	0	1	1	0	0	0	0	0	2	1	1	72	48	7	2	1	0	
Test109	M	1	2	2	2	1	0	0	0	0	0	0	0	0	1	1	36	0	2	0	0	1	
Test110	M	0	4	1	0	0	0	0	0	0	0	0	0	0	1	0	8	48	2	0	0	1	
Test111	M	0	2	2	0	0	0	1	0	0	0	0	0	0	2	1	13	0	5	0	0	0	
Test112	F	1	2	1	0	0	0	0	0	0	0	0	0	4	3	0	258	0	2	0	0	0	
Test113	M	1	3	1	0	1	0	0	0	0	0	0	0	0	1	1	0	180	4	0	0	0	
Test114	F	1	3	1	2	0	1	0	0	0	0	0	0	0	2	4	6	0	5	1	0	0	
Test115	F	0	2	2	3	1	0	0	1	0	1	0	0	2	3	2	77	90	7	1	1	1	
Test116	M	1	3	1	1	1	0	0	0	0	0	0	0	0	2	1	228	634	6	1	0	0	
Test117	M	1	3	2	1	0	0	0	0	0	0	1	0	3	1	0	5	27	7	0	0	0	
Test118	M	1	5	1	1	1	1	1	0	0	0	0	0	0	3	4	29	54	8	2	0	1	
Test119	M	1	2	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	
Test120	F	1	5	1	2		0	0	0	0	0	0	0	0	1	1	12	180	1	0	0	0	
Test121	M	1	5	1	1	1	0	0	0	0	0	0	0	4	3	0	24	0	3	0	0	1	
Test122	M	0	2	1	1	0	0	0	0	0	0	0	0	2	1	1	25	576	5	1	0	1	
Test123	M	0	2	2	0	0	0	0	1	0	0	0	0	4	2	1	12	736	5	4	2	0	
Test124	F	1	5	1	1	0	1	0	0	0	0	0	1	2	5	1	180	900	4	3	2	1	
Test125	F	1	2	1	1	0	0	0	0	1	1	0	1	1	2	1	260	270	3	1	0	1	
Test126	M	1	5	1	0	0	0	0	0	1	0	0	0	3	4	0	0	0	4	2	0	1	
Test127	M	0	2	1	0	0	1	0	0	0	0	0	0	0	3	4	90	90	6	0	0	0	
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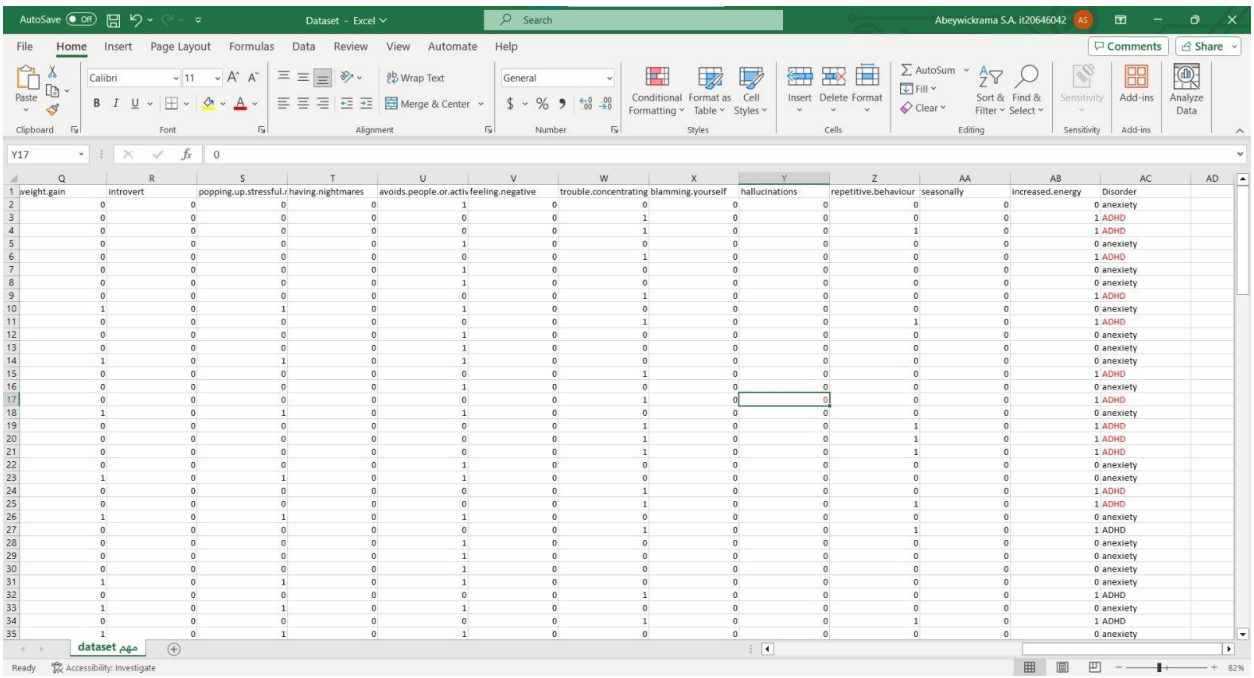

weight.gain	introvert	popping.up.stressful.t	having.nightmares	avoids.people.or.activ	feeling.negative	trouble.concentrating	blamming.yourself	hallucinations	repetitive.behaviour	seasonally	increased.energy	Disorder
0	0	0	0	1	0	0	0	0	0	0	0	anexiety
0	0	0	0	0	0	1	0	0	0	0	1	ADHD
0	0	0	0	0	0	1	0	0	1	0	1	ADHD
0	0	0	0	1	0	0	0	0	0	0	0	anexiety
0	0	0	0	0	0	1	0	0	0	0	1	ADHD
0	0	0	0	1	0	0	0	0	0	0	0	anexiety
0	0	0	0	1	0	0	0	0	0	0	0	anexiety
0	0	0	0	0	0	1	0	0	0	0	1	ADHD
1	0	1	0	1	0	0	0	0	0	0	0	anexiety
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0	0	0	0	0	0	1	0	0	0	0	1	ADHD
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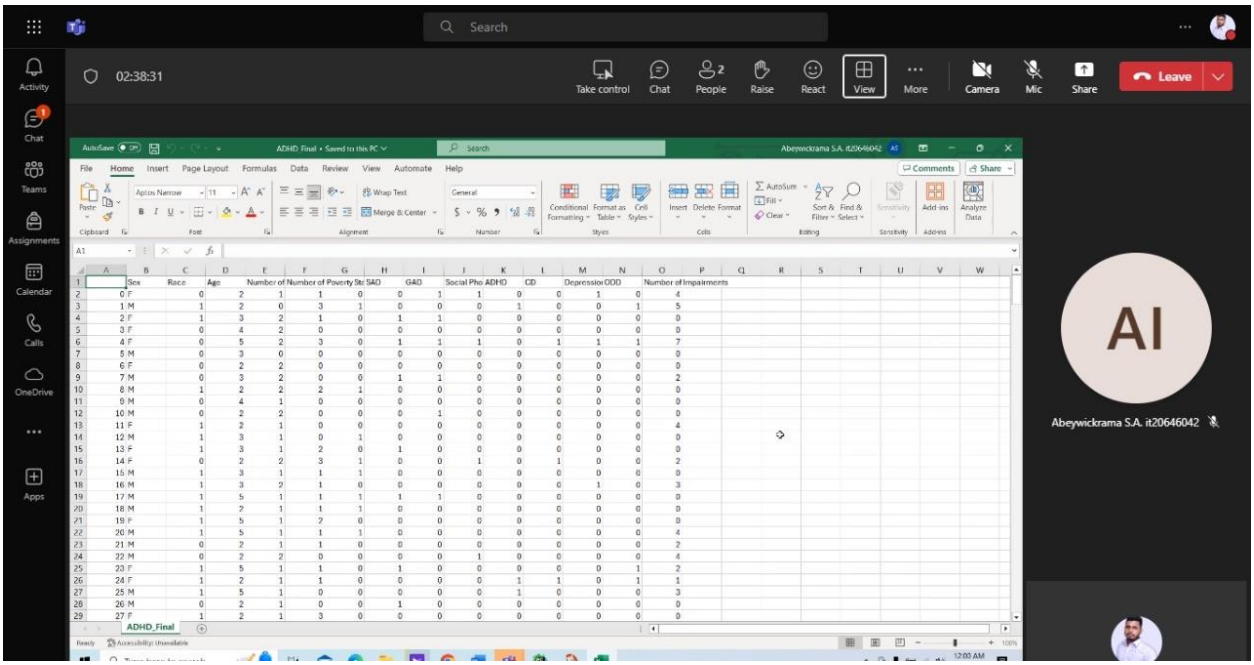
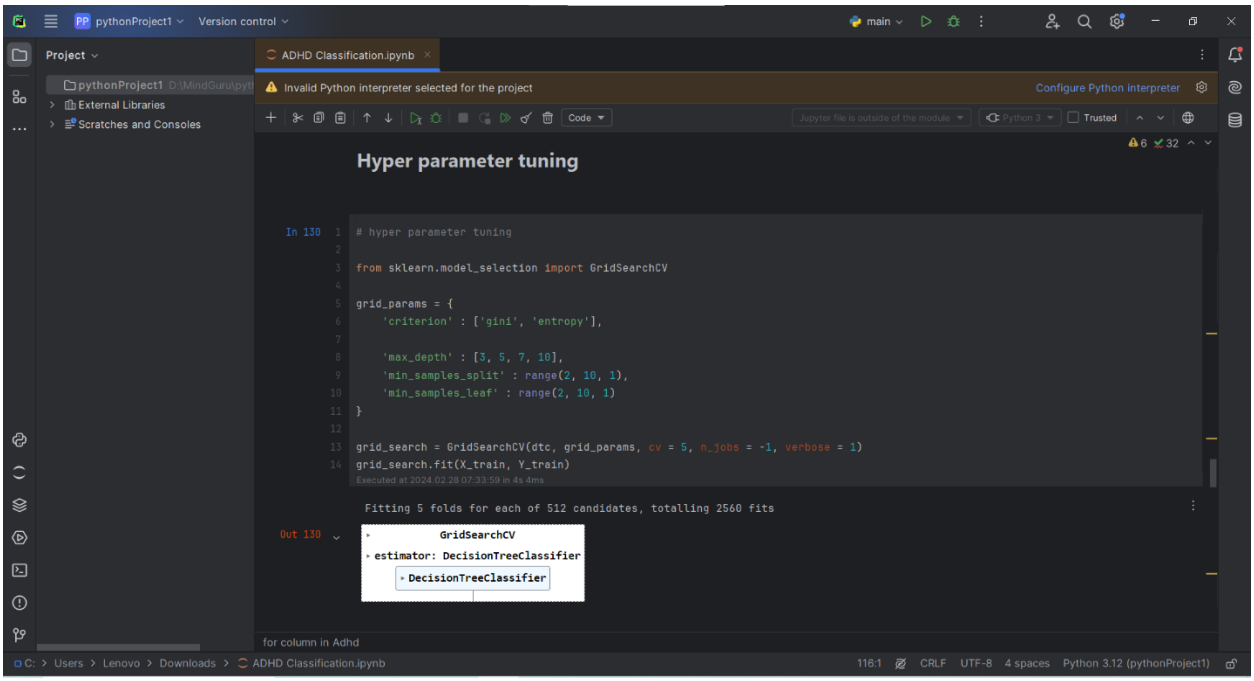
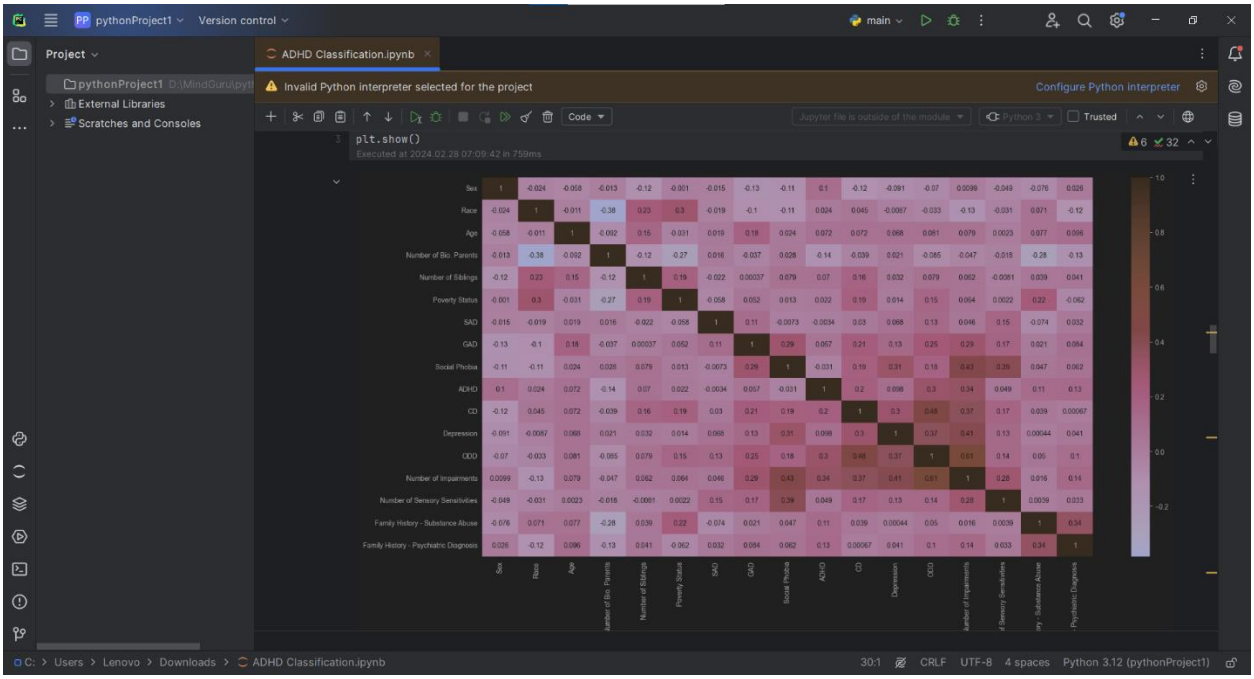


Figure 5: Data modeling





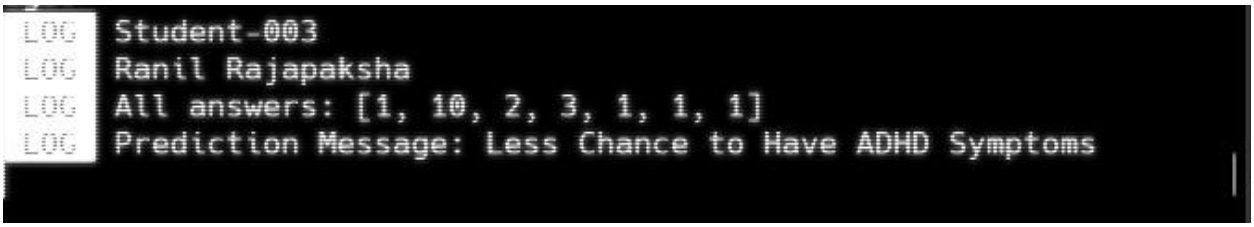


Figure 6: Discussion about data model

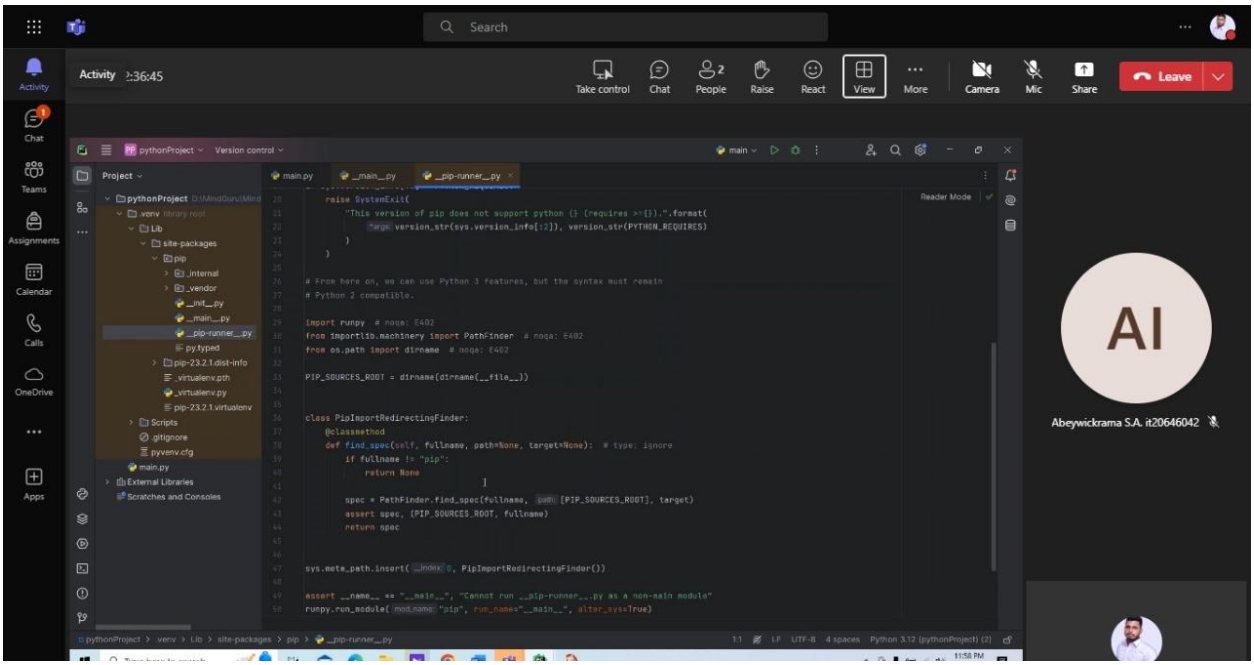
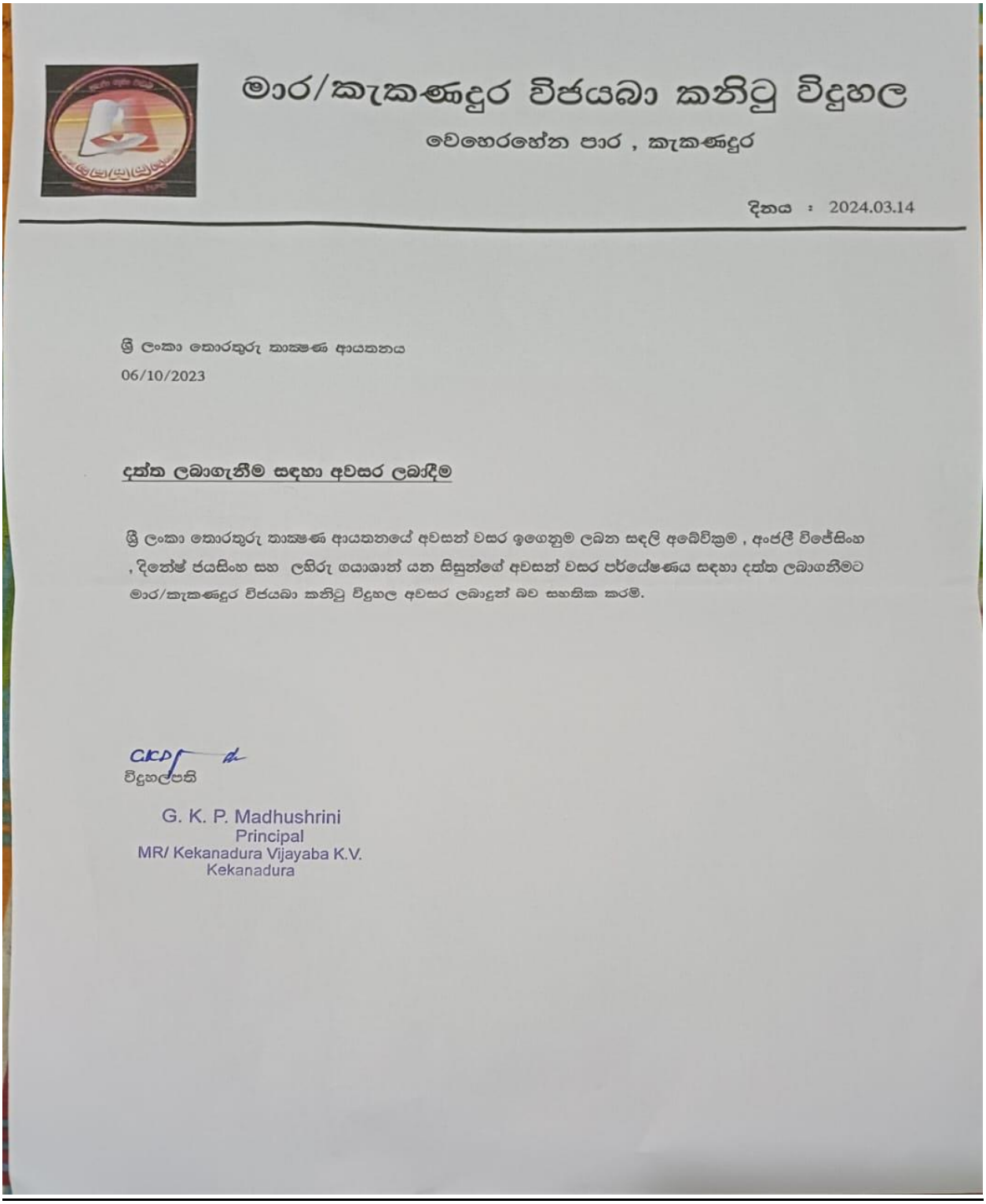


Figure 7: School approve letter for collect to data for research



මාර/කැකණදුර විජයබා කනිටු විදුහල

වෙහෙරහේන පාර , කැකණදුර

දිනය : 2024.03.14

ශ්‍රී ලංකා තොරතුරු තාක්ෂණ ආයතනය

06/10/2023

දත්ත ලබාගැනීම සඳහා අවසර ලබාදීම

ශ්‍රී ලංකා තොරතුරු තාක්ෂණ ආයතනයේ අවසන් වසර ඉගෙනුම ලබන සඳලි අබේවික්‍රම , අංජලී විජේසිංහ , දිනේෂ් ජයසිංහ සහ ලහිරු ගයාශාන් යන සිසුන්ගේ අවසන් වසර පර්යේෂණය සඳහා දත්ත ලබාගනිමට මාර/කැකණදුර විජයබා කනිටු විදුහල අවසර ලබාදුන් බව සහතික කරමි.

විදුහල්පති

G. K. P. Madhushrini
Principal
MR/ Kekanadura Vijayaba K.V.
Kekanadura

Figure 8: Introduce mobile app for teachers

Figure 9: Data collection in schools and pre schools

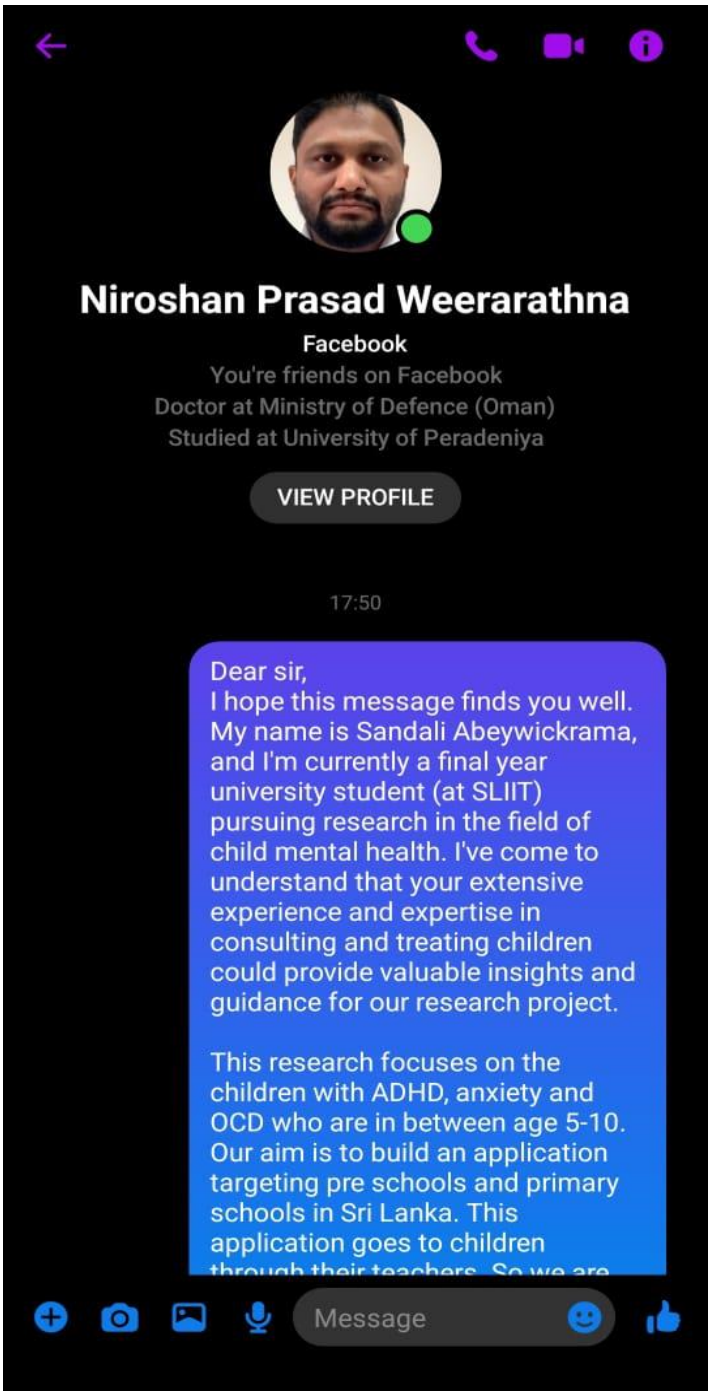
ENGLISH ALPHABET

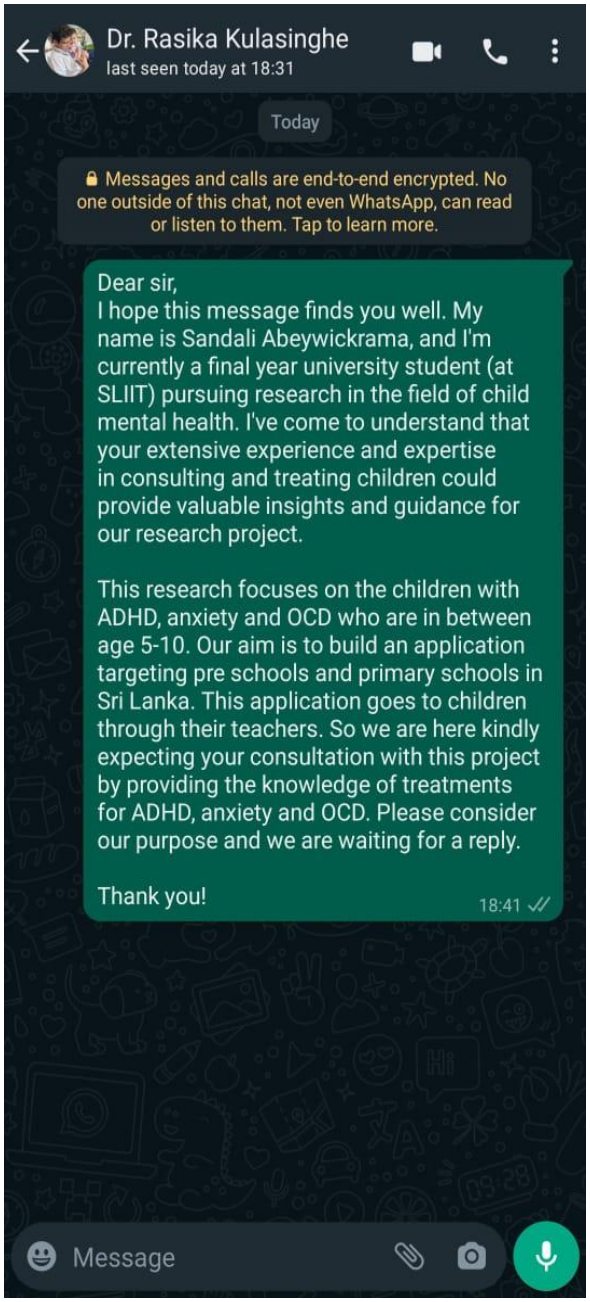
Object Sele
Shapes Drag Gam
Lacing Game

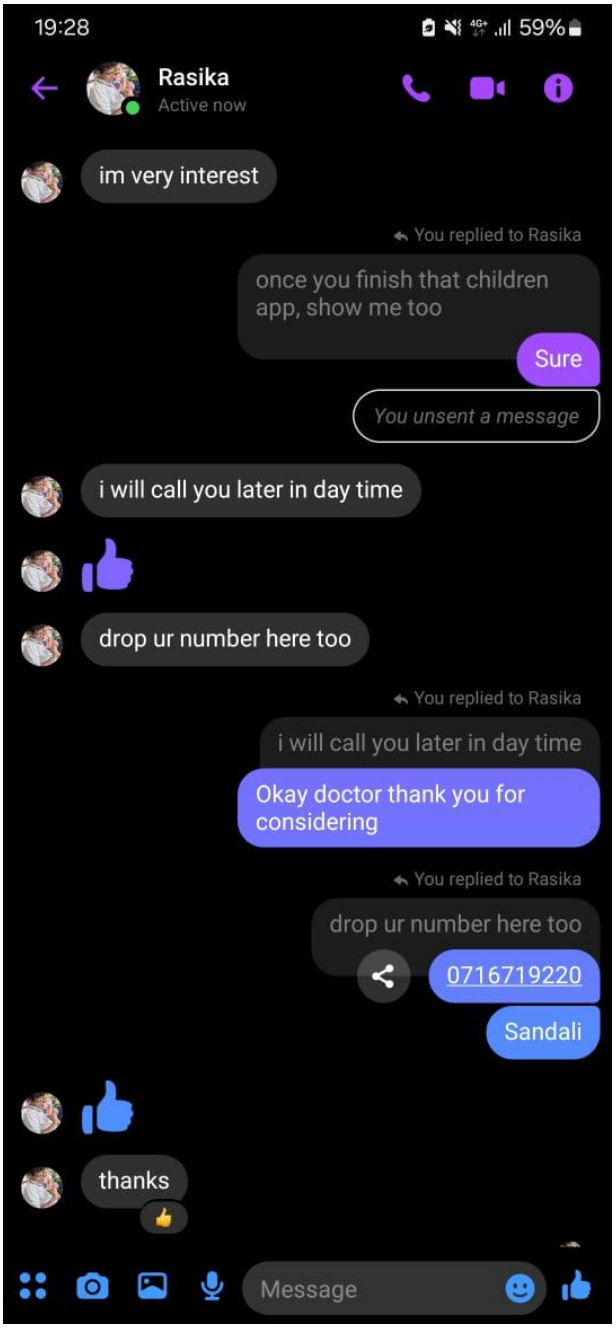
SP
Visakhan Excellence

SLIIT
FCSC

Figure 10: Contact medical experts




Dr. Rasika Kulasinghe
last seen today at 18:31
Today
Messages and calls are end-to-end encrypted. No one outside of this chat, not even WhatsApp, can read or listen to them. Tap to learn more.
Dear sir,
I hope this message finds you well. My name is Sandali Abeywickrama, and I'm currently a final year university student (at SLIIT) pursuing research in the field of child mental health. I've come to understand that your extensive experience and expertise in consulting and treating children could provide valuable insights and guidance for our research project.
This research focuses on the children with ADHD, anxiety and OCD who are in between age 5-10. Our aim is to build an application targeting pre schools and primary schools in Sri Lanka. This application goes to children through their teachers. So we are here kindly expecting your consultation with this project by providing the knowledge of treatments for ADHD, anxiety and OCD. Please consider our purpose and we are waiting for a reply.
Thank you!
18:41
Message


19:28
59%
Rasika
Active now
im very interest
You replied to Rasika
once you finish that children app, show me too
Sure
You unsent a message
i will call you later in day time
drop ur number here too
You replied to Rasika
i will call you later in day time
Okay doctor thank you for considering
You replied to Rasika
drop ur number here too
0716719220
Sandali
thanks
Message

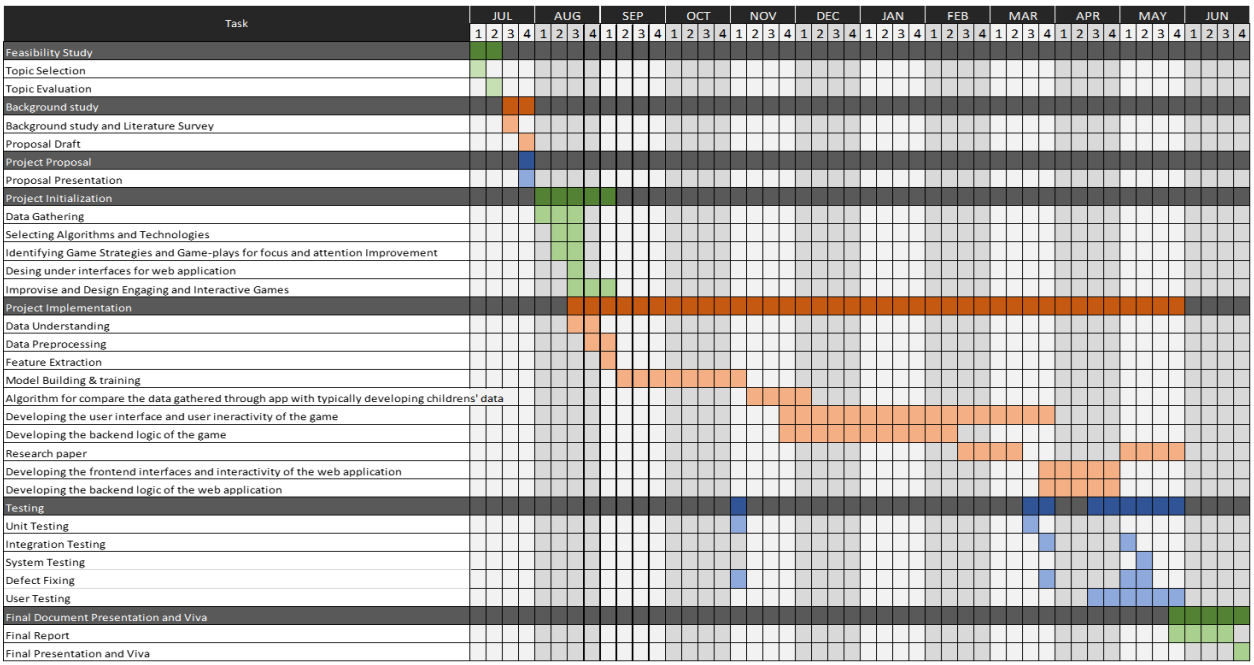



Figure 11: Gantt chart