

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

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Project Status Document 01

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Supervisor: Mr. Koliya Pulasinghe

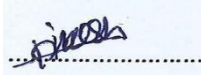
BSc. (Hons) in Information Technology Specializing in
Information Technology

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Sri Lanka

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NAME	STUDENT ID	SIGNATURE
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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

The screenshot displays the IEEE Xplore search results page for the query 'child%20ADHD'. The interface includes a sidebar with filters, a main list of search results, and promotional banners on the right.

Filters (Left Sidebar):

- Show:**
 - ☒ All Results
 - ☐ Subscribed Content
 - ☐ Open Access Only
- Year:**
 - ☒ Range (2020 to 2024)
 - ☐ Single Year
- Author** (dropdown)
- Affiliation** (dropdown)
- Publication Title** (dropdown)
- Publisher** (dropdown)
- Supplemental Items** (dropdown)
- Conference Location** (dropdown)

Search Results (Main Content):

- Sort By:** Relevance
- ☐ **Early Detection and Effective Treatment for ADHD using Machine Learning for Sri Lankan Children**
R.M.I.S Kumarasingha; D.M.C.L.B Dissanayake; P.S.R Pathirathne; K.M.M.Y.S Ranathunga; Samantha Rajapakse; Vindhya Kalapuge
2023 5th International Conference on Advancements in Computing (ICAC)
Year: 2023 | Conference Paper | Publisher: IEEE
- ☐ **Differentiating Brain Connectivity Networks in ADHD and Normal Children using EEG**
Roqale Moqadam; Nazila Loghmani; Alireza Khorrami Moghaddam; Armin Allahverdy
2022 30th International Conference on Electrical Engineering (ICEE)
Year: 2022 | Conference Paper | Publisher: IEEE
- ☐ **Individualized Edutainment and Parent Supportive Tool for ADHD Children**
Achintha Thennakoon; Deneth Perera; Shanuka Sugathapala; Samadhi Weerasingha; Pradeepa Samarasinghe; Dulangi Dahanayake; Vijani Piyawardana
2020 2nd International Conference on Advancements in Computing (ICAC)

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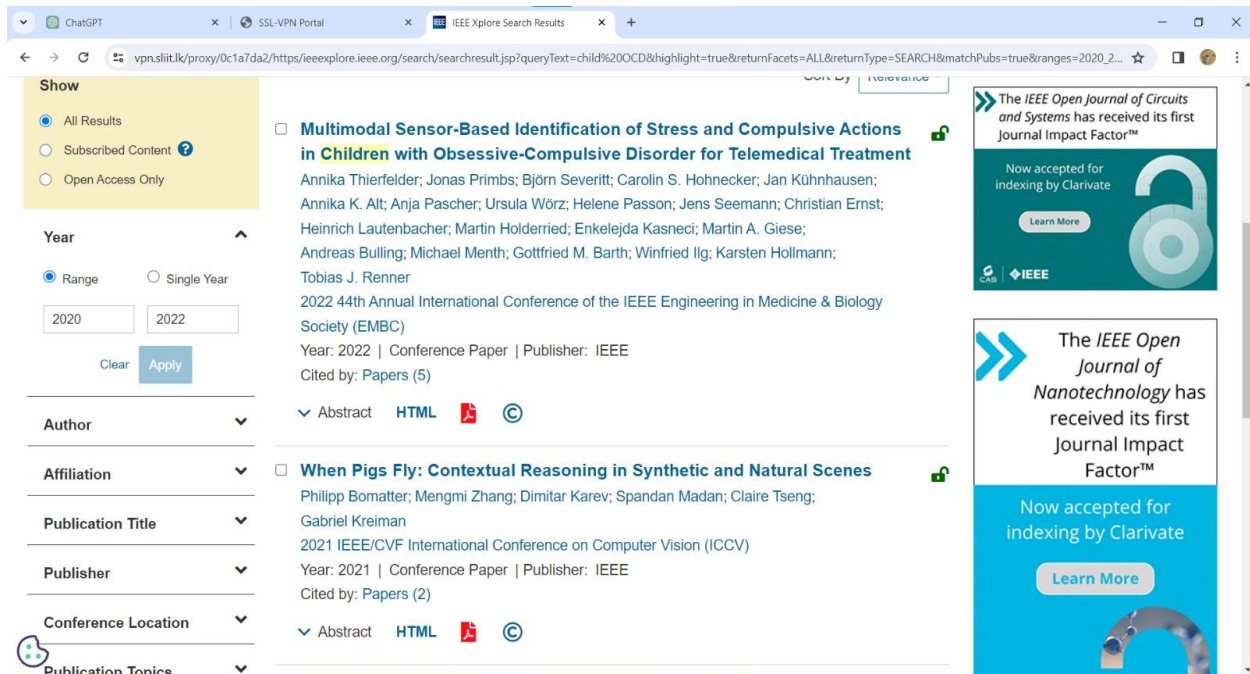


Figure 2: Requesting other information details

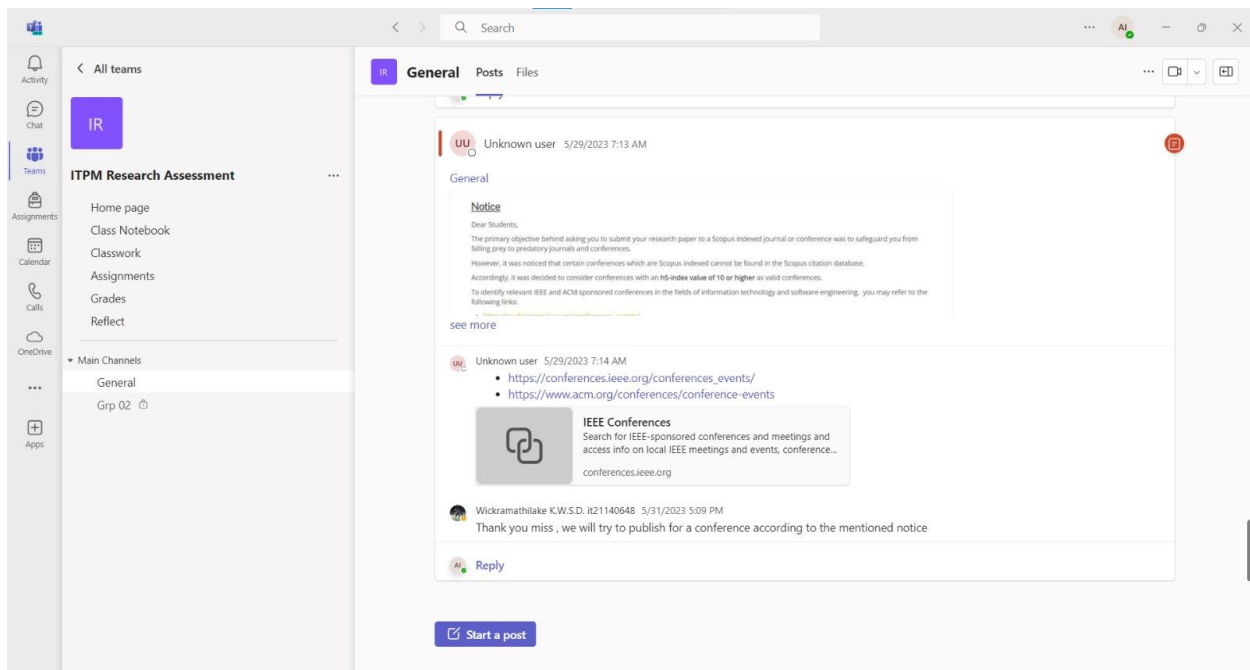


Figure 3: Arrange group meetings via teams

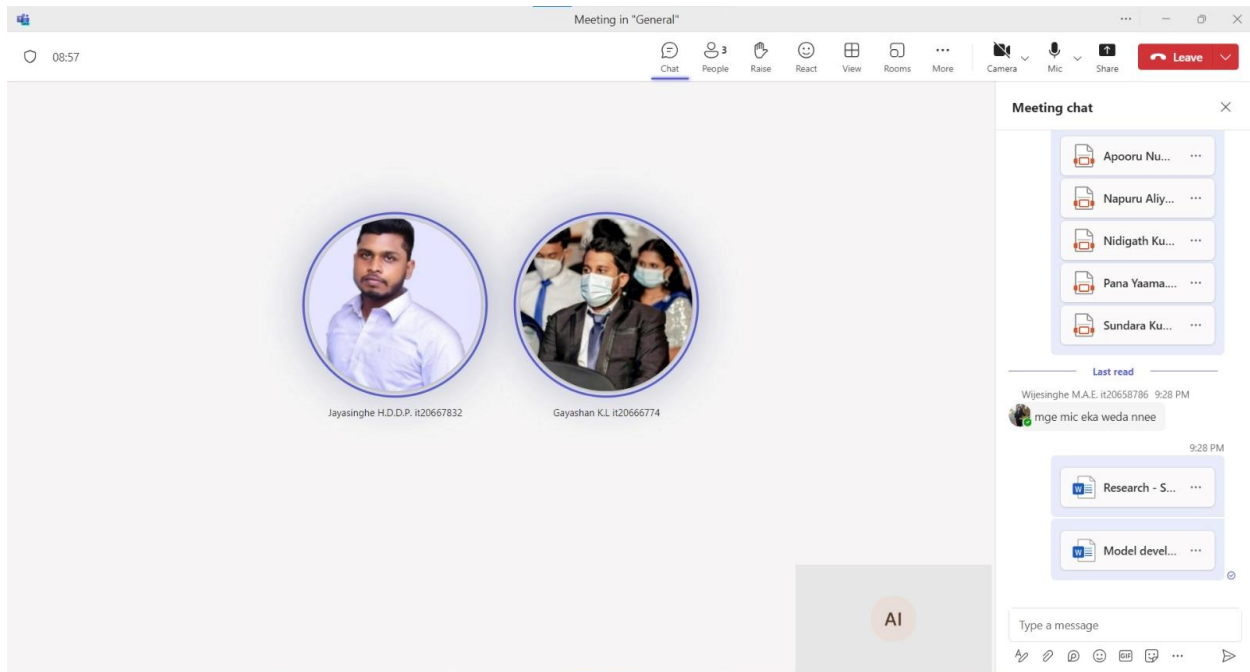


Figure 4: Data sets

Copy of Mental disorder symptoms - Excel (Product Activation Failed)

	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD
1	introvert	popping up stress	having nightmares	avoids people or a	feeling negative	trouble concentrati	blamming yourself	hallucinations	repetitive behavior	seasonally	increased energy	Disorder	
2	0	0	0	1	0	0	0	0	0	0	0	0 anxiety	
3	0	0	0	0	0	1	0	0	0	0	0	1 ADHD	
4	0	0	0	0	0	1	0	0	0	0	0	1 ADHD	
5	0	0	0	1	0	0	0	0	0	0	0	0 anxiety	
6	0	0	0	0	0	1	0	0	0	0	0	1 ADHD	
7	0	0	0	1	0	0	0	0	0	0	0	0 anxiety	
8	0	0	0	1	0	0	0	0	0	0	0	0 anxiety	
9	0	0	0	0	0	1	0	0	0	0	0	1 ADHD	
10	0	1	0	1	0	0	0	0	0	0	0	0 anxiety	
11	0	0	0	0	0	1	0	0	0	1	0	1 ADHD	
12	0	0	0	1	0	0	0	0	0	0	0	0 anxiety	
13	0	0	0	1	0	0	0	0	0	0	0	0 anxiety	
14	0	1	0	1	0	0	0	0	0	0	0	0 anxiety	
15	0	0	0	0	0	1	0	0	0	0	0	1 ADHD	
16	0	0	0	1	0	0	0	0	0	0	0	0 anxiety	
17	0	0	0	0	0	1	0	0	0	0	0	1 ADHD	
18	0	1	0	1	0	0	0	0	0	0	0	0 anxiety	
19	0	0	0	0	0	1	0	0	0	1	0	1 ADHD	
20	0	0	0	0	0	1	0	0	0	1	0	1 ADHD	
21	0	0	0	0	0	1	0	0	0	1	0	1 ADHD	
22	0	0	0	1	0	0	0	0	0	0	0	0 anxiety	
23	0	1	0	1	0	0	0	0	0	0	0	0 anxiety	
24	0	0	0	0	0	1	0	0	0	0	0	1 ADHD	
25	0	0	0	0	0	1	0	0	0	0	0	1 ADHD	
26	0	1	0	1	0	0	0	0	0	0	0	0 anxiety	
27	0	0	0	0	0	1	0	0	0	1	0	1 ADHD	
28	0	0	0	1	0	0	0	0	0	0	0	0 anxiety	
29	0	0	0	1	0	0	0	0	0	0	0	0 anxiety	

Copy of Mental disorder symptoms - Excel (Product Activation Failed)

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	ag-1629e	feeling nervous	panic	breathing rapidly	sweating	trouble in concentr	having trouble in s	having trouble with	hopelessness	anger	over react	change in eating	suicid
2	32	1	1	1	1	1	1	1	1	0	0	0	0
3	4	0	0	0	0	1	1	0	0	0	0	0	0
4	27	1	0	0	0	1	1	0	0	0	0	0	0
5	32	1	1	1	1	1	1	1	0	0	0	0	0
6	7	0	0	0	0	1	1	0	0	0	0	0	0
7	17	1	1	1	1	1	1	1	0	0	0	0	0
8	31	1	1	1	1	1	1	1	0	0	0	0	0
9	13	0	0	0	0	1	1	0	0	0	0	0	0
10	25	1	0	1	1	0	1	0	0	0	0	0	0
11	14	1	0	0	0	1	0	0	0	0	0	0	0
12	32	1	1	1	1	1	1	1	0	0	0	0	0
13	17	1	1	1	1	1	1	1	0	0	0	0	0
14	20	1	0	1	1	1	1	0	0	0	0	0	0
15	14	0	0	0	0	1	1	0	0	0	0	0	0
16	32	1	1	1	1	1	1	1	0	0	0	0	0
17	4	0	0	0	0	1	1	0	0	0	0	0	0
18	25	1	0	1	1	0	1	0	0	0	0	0	0
19	25	1	0	0	0	1	0	0	0	0	0	0	0
20	15	1	0	0	0	1	0	0	0	0	0	0	0
21	19	1	0	0	0	1	0	0	0	0	0	0	0
22	29	1	1	1	1	1	1	1	0	0	0	0	0
23	25	1	0	1	1	0	1	0	0	0	0	0	0
24	9	0	0	0	0	1	0	0	0	0	0	0	0
25	27	1	0	0	0	1	0	0	0	0	0	0	0
26	23	1	0	1	1	0	1	0	0	0	0	0	0
27	21	1	0	0	0	1	0	0	0	0	0	0	0
28	17	1	1	1	1	1	1	1	0	0	0	0	0
29	32	1	1	1	1	1	1	1	0	0	0	0	0

dataset

02:38:31

Take control Chat People Raise React View More Camera Mic Share Leave

ADHD_Final - Saved to this PC

Abeywickrama S.A. a20646042

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	Box	Rate	Age	Number of	Number of	Poverty	Se	SAD	GAD	Social Ph	ADHD	CD	Depressive	ODD	Number of	Impairments							
2	0 F	0	2	1	1	1	0	0	1	1	0	0	1	0	4								
3	1 M	1	2	0	3	1	0	0	0	0	1	0	0	0	1	5							
4	2 F	1	3	2	1	0	1	1	0	0	0	0	0	0	0								
5	3 F	0	4	2	0	0	0	0	0	0	0	0	0	0	0								
6	4 F	0	5	2	3	0	1	1	0	1	1	1	1	1	7								
7	5 M	0	3	0	0	0	0	0	0	0	0	0	0	0	0								
8	6 F	0	2	2	0	0	0	0	0	0	0	0	0	0	0								
9	7 M	0	3	2	0	0	1	1	0	0	0	0	0	0	2								
10	8 M	1	2	2	2	1	0	0	0	0	0	0	0	0	0								
11	9 M	0	4	1	0	0	0	0	0	0	0	0	0	0	0								
12	10 M	0	2	2	0	0	0	1	0	0	0	0	0	0	0								
13	11 F	1	2	1	0	0	0	0	0	0	0	0	0	0	4								
14	12 M	1	3	1	0	1	0	0	0	0	0	0	0	0	0								
15	13 F	1	3	1	2	0	1	0	0	0	0	0	0	0	0								
16	14 F	0	2	2	3	1	0	0	1	0	1	0	1	0	2								
17	15 M	1	3	1	1	1	0	0	0	0	0	0	0	0	0								
18	16 M	1	3	2	1	0	0	0	0	0	0	0	1	0	3								
19	17 M	1	5	1	1	1	1	1	0	0	0	0	0	0	0								
20	18 M	1	2	1	1	1	0	0	0	0	0	0	0	0	0								
21	19 F	1	5	1	2	0	0	0	0	0	0	0	0	0	0								
22	20 M	1	5	1	1	1	0	0	0	0	0	0	0	0	4								
23	21 M	0	2	1	1	0	0	0	0	0	0	0	0	0	2								
24	22 M	0	2	2	0	0	0	0	1	0	0	0	0	0	4								
25	23 F	1	5	1	1	0	1	0	0	0	0	0	0	1	2								
26	24 F	1	2	1	1	0	0	0	0	1	1	0	1	1	1								
27	25 M	1	5	1	0	0	0	0	0	1	0	0	0	0	3								
28	26 M	0	2	1	0	0	1	0	0	0	0	0	0	0	0								
29	27 F	1	2	1	3	0	0	0	0	0	0	0	0	0	0								

ADHD_Final

Abeywickrama S.A. a20646042

Figure 5: Data modeling

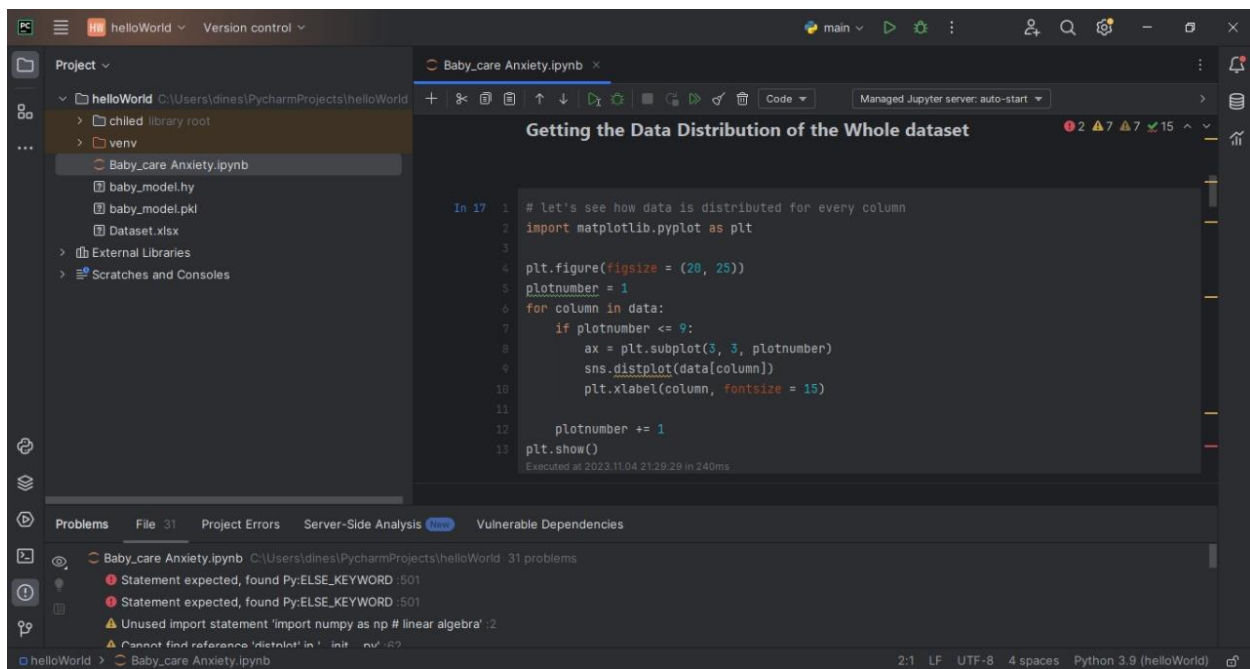


Figure 6: Discussion about data model

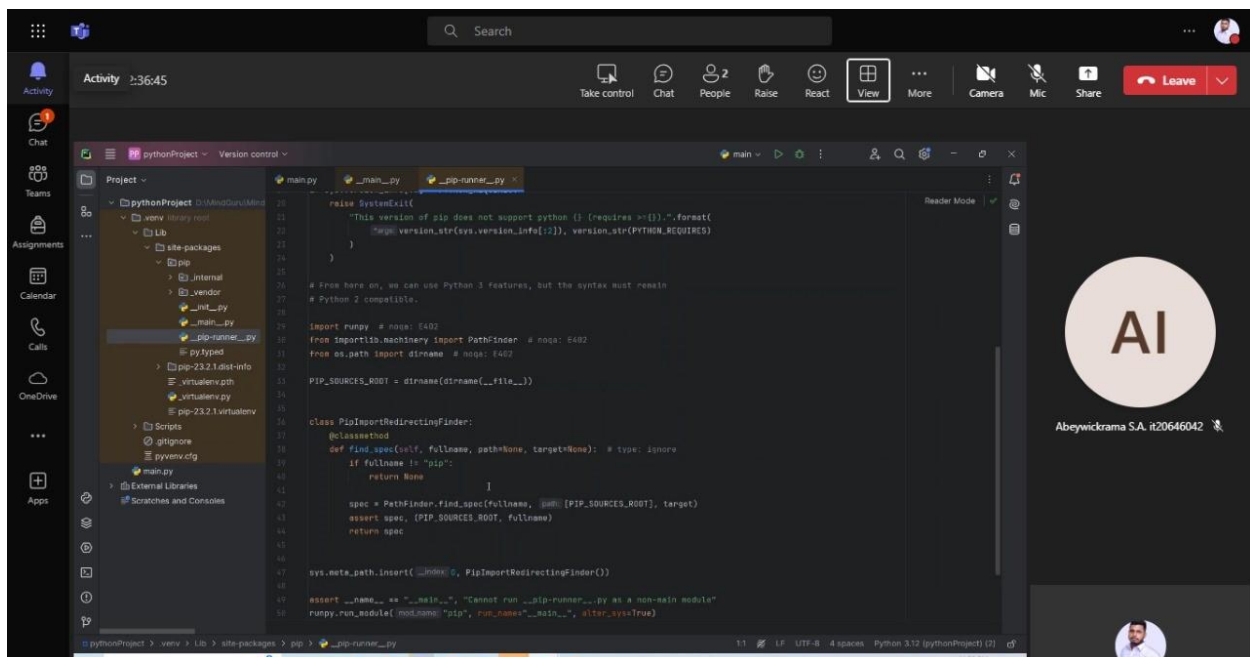


Figure 7: School approve letter for collect to data for research



	<p>මාර/කැකණදුර විජයබා කනිටු විදුහල වෙහෙරහේන පාර , කැකණදුර</p>
<p>දිනය : 2024.03.14</p>	
<p>ශ්‍රී ලංකා තොරතුරු තාක්ෂණ ආයතනය 06/10/2023</p>	
<p><u>දත්ත ලබාගැනීම සඳහා අවසර ලබාදීම</u></p>	
<p>ශ්‍රී ලංකා තොරතුරු තාක්ෂණ ආයතනයේ අවසන් වසර ඉගෙනුම ලබන සඳුලි අබේවික්‍රම , අංජලි විජේසිංහ , දිනේෂ් ජයසිංහ සහ ලහිරු ගයාශාන් යන සිසුන්ගේ අවසන් වසර පර්යේෂණය සඳහා දත්ත ලබාගැනීමට මාර/කැකණදුර විජයබා කනිටු විදුහල අවසර ලබාදුන් බව සහතික කරමි.</p>	
 විදුහලපති	<p>G. K. P. Madhushrini Principal MR/ Kekanadura Vijayaba K.V. Kekanadura</p>

Figure 8: Introduce mobile app for teachers



Figure 9: Data collection in schools and pre schools





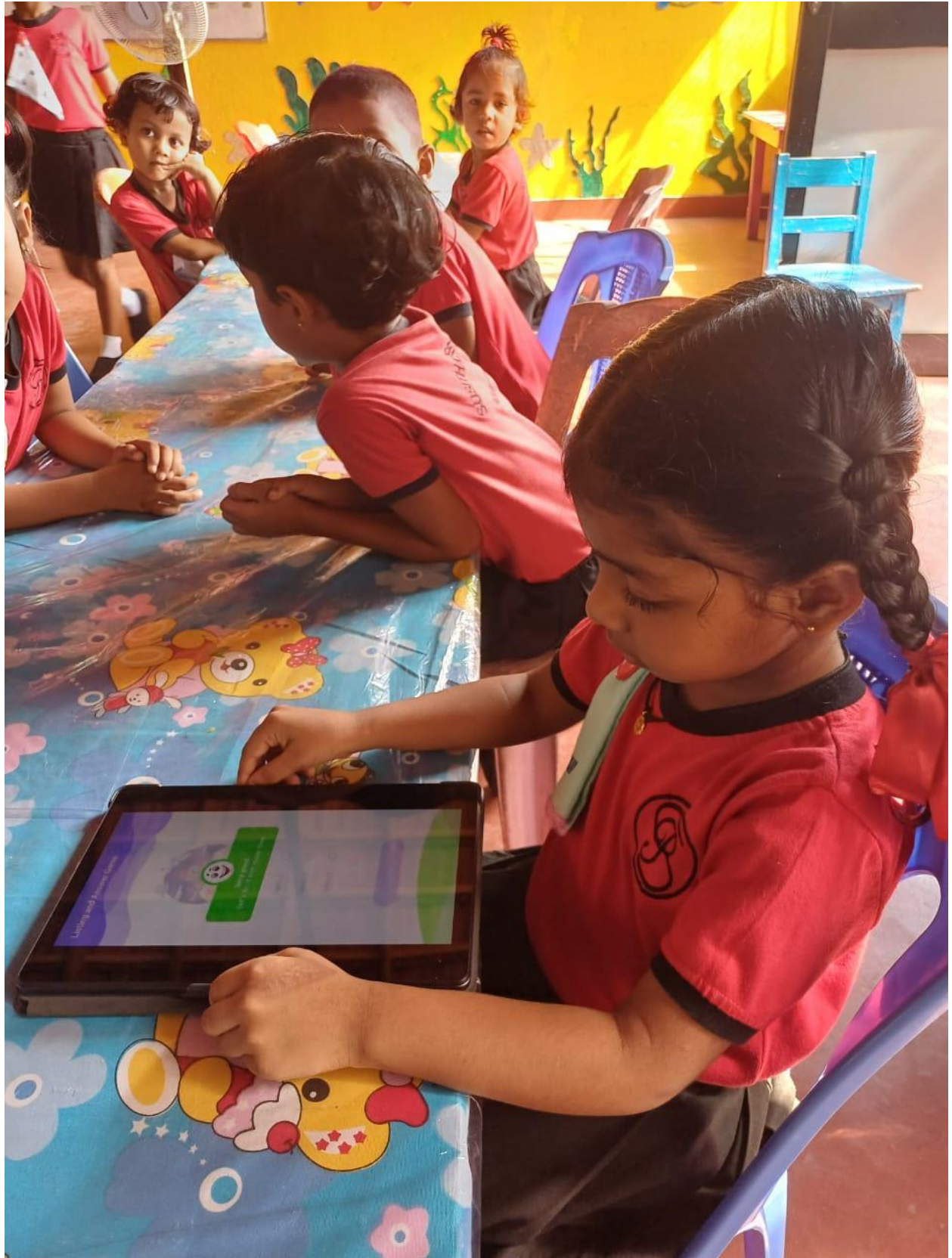
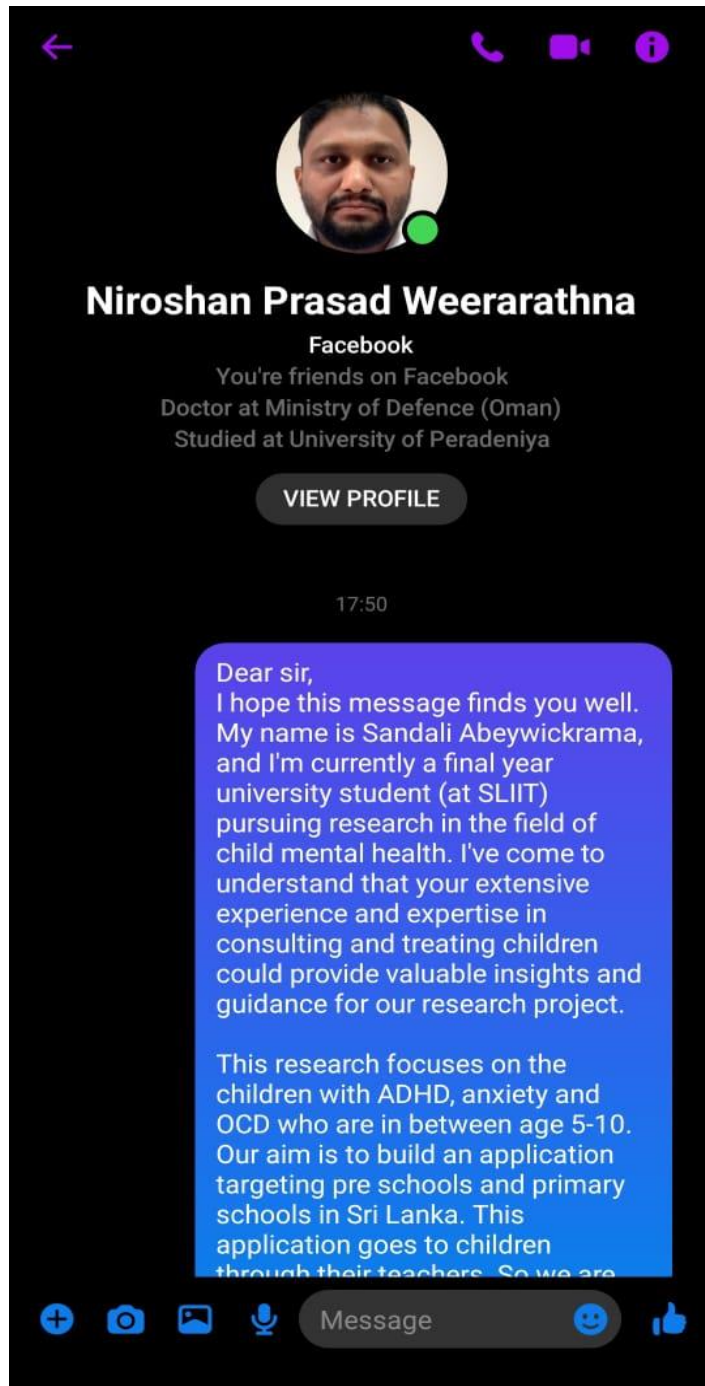


Figure 10: Contact medical experts



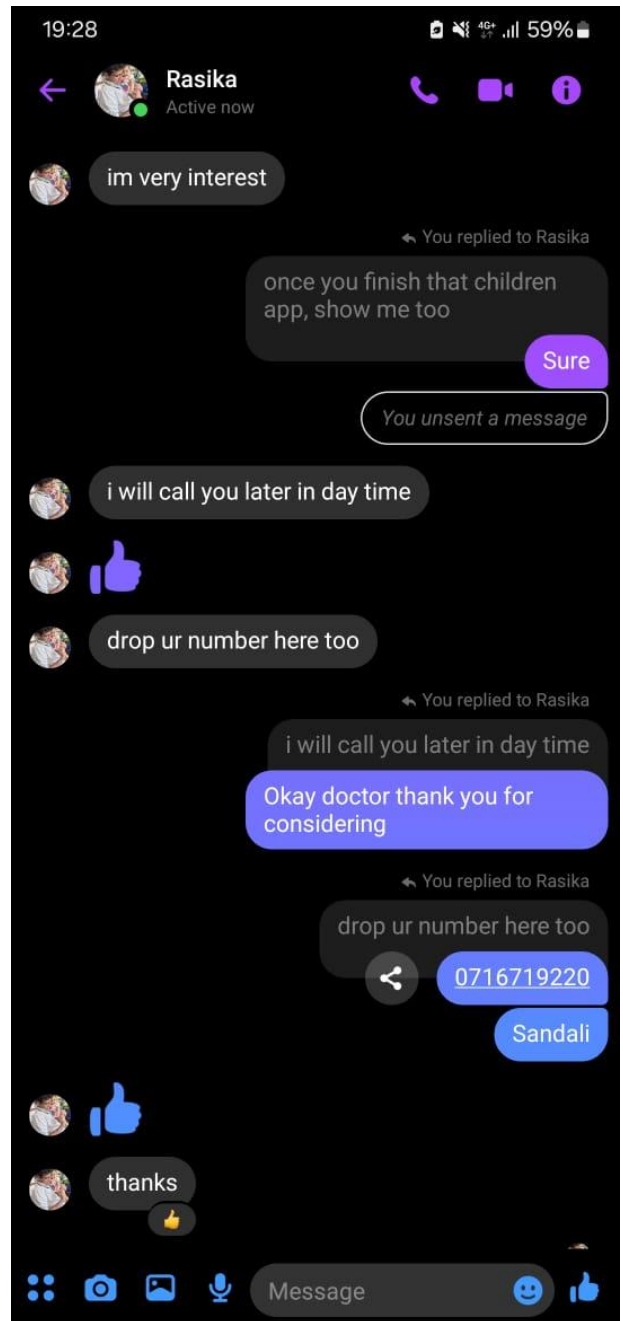
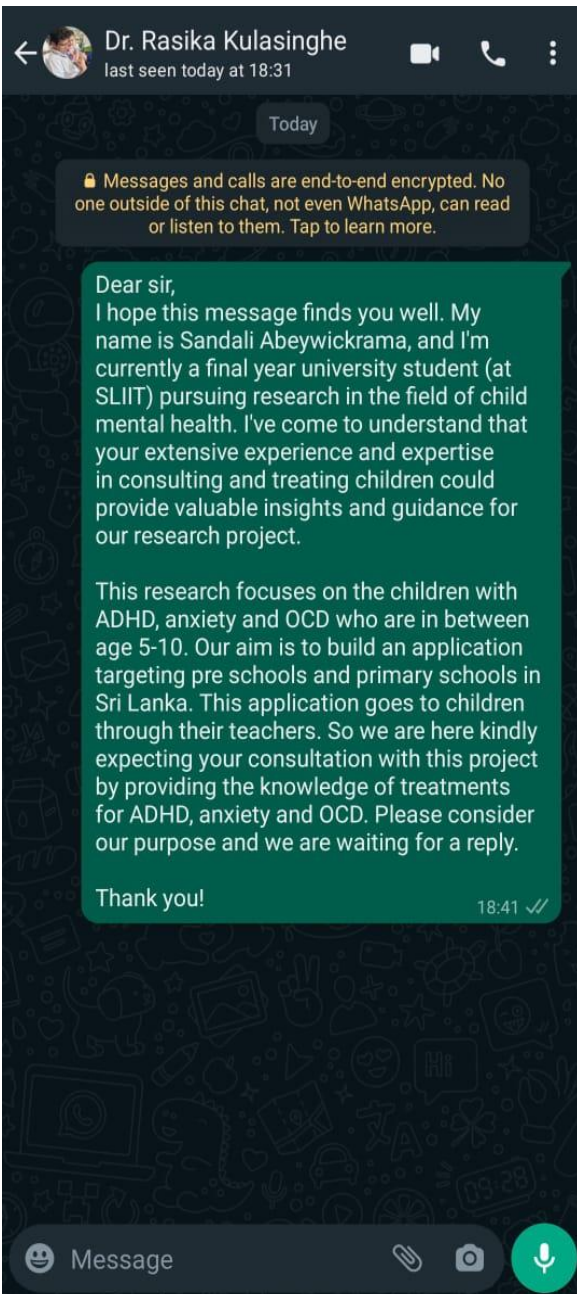


Figure 11: Gantt chart

