## 19\_20-J01 STUDENT IT16167742 RESEARCH LOG BOOK 2019-2020

Date		Task	Participants
	17 <sup>th</sup> June 2019	Participated for the CDAP workshop.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	21 <sup>th</sup> June 2019	Discussed with the members for selecting a research topic.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon H.G.R Aruna Shan</li> </ul>
June	21st June 2019	Referred research papers with the members.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	23 <sup>rd</sup> June 2019	Identified issue as the research problem and selected our research topic.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	25 <sup>th</sup> June 2019	Had an appointment with supervisor and after explained our research topic, he accepted the research topic and agreed to supervise the research.	<ul> <li>Mr. Amila Nuwan Senarathne</li> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	07 <sup>th</sup> July 2019	Discussed the initial project registration form with team members.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
July		Had an appointment with the Supervisor to discuss further about our research topic before submitting the pre-assessment form.	<ul> <li>Mr. Amila Nuwan Senarathne</li> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> </ul>

			H.G.R Aruna Shan
August	01st August 2019	Handed over the hardcopy	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	20 <sup>th</sup> August 2019	Discussed with the Supervisor about the research area.	<ul> <li>Mr. Amila Nuwan Senarathne</li> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	26th August 2019	Discussed with the group leader about the research area.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	28th August 2019	Rehearsed the project proposal presentation.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	29 <sup>th</sup> August 2019	Participated for the project proposal presentation.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>

	08 <sup>th</sup> September 2019	Had an appointment with the supervisor and submitted the SRS (group) document to take review.	<ul> <li>Mr. Amila Nuwan Senarathne</li> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	14 <sup>th</sup> September 2019	Finalized the SRS documentation after discussing with the group members.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	15 <sup>th</sup> September 2019	Had a discussion with the group members about the progress of the research components.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	16th September 2019	Send the SRS individual document to the group leader.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
September	07 <sup>th</sup> October 2019	Had a discussion with the supervisor and the group members about the progress of the research components.  And resolved some issues faced when developing the research.	<ul> <li>Mr. Amila Nuwan Senarathne</li> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>

	23rd October 2019	Discussed with the group members about the progress of the research.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
November	08 <sup>th</sup> November 2019	Had a discussion with the group members about the progress of the research components. And resolved some issues faced when developing the research.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	19th November 2019	Discussed with the group members about the progress of the research.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	01st December 2019	Discussed with the group members about the progress of the research.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	02 <sup>nd</sup> December 2019	Had a discussion with the group members about the progress of the research components. And resolved some issues faced when developing the research.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
December	15 <sup>th</sup> December 2019	Discussed with the group members about the progress of the research.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	08 <sup>th</sup> January 2020	Resolved some issues faced when developing the research.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	19 <sup>th</sup> January 2020	Had a discussion with the group members about research paper.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>

January	27 <sup>th</sup> January 2020	Rehearsed the project progress presentation	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	29 <sup>th</sup> January 2020	Had a discussion with the supervisor about the progress of the research	<ul> <li>Mr. Amila Nuwan Senarathne</li> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
February	10 <sup>th</sup> February 2020	Discussed with the group members and the supervisor about the progress of the research.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	16th February 2020	Wrote the research paper with discussing the group members.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
March	26 <sup>th</sup> Feb 2020	discussion with the supervisor about the progress of the research	<ul> <li>Mr. Amila Nuwan Senarathne</li> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	21st March 2020	Had a Whatsapp conversation with the group members about the progress of the research.  (via Whatsapp application)	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>

31st	st March 2020	Had a Whatsapp conversation with the group members to design the poster, demo, and the presentation.  (via Whatsapp application)	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
05 <sup>th</sup>	th April 2020	Had a Whatsapp conversation with the group regarding the progress of, designing the poster, demo, and the presentation.  (via Whatsapp application)	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
07 <sup>th</sup>	th April 2020	Had a Whatsapp conversation with the group	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
11 <sup>th</sup>	th April 2020	Had a Whatsapp conversation with the group about the progress of the research.  (via Whatsapp application)	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	<sup>nd</sup> April 2020	Had a Whatsapp conversation with the group regarding the poster, demo, and the presentation.  (via Whatsapp application)	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
April			

23rd April 2020	Uploaded the Research Demo video, Presentation, and the Poster to the given CDAP cloud drive location	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
26 <sup>th</sup> April 2020	Had a Whatsapp conversation with the team about the progress of the research.  (via Whatsapp application)	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
27 <sup>th</sup> April 2020	Had a rehearsal viva I with the teammates prior to the Project Progress Presentation II.(via Microsoft Teams application)	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
28 <sup>th</sup> April 2020	Had a conversation with the team about the progress presentation II.(via Microsoft Teams application)	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
28 <sup>th</sup> April 2020	Had a rehearsal viva II with the teammates prior to the Project Progress Presentation II.(via Microsoft Teams application)	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
29 <sup>th</sup> April 2020	Participated for the Project Progress Presentation II (80% progress review) (via Microsoft Teams application)	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> </ul>

			H.G.R Aruna Shan
May	03 <sup>rd</sup> May 2020	Had a discussion with the teammates about future tasks of the project.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	07 <sup>th</sup> May 2020	Had a discussion with the teammates about the Thesis document progress.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	10 <sup>th</sup> May 2020	Had a discussion with the teammates about finalizing the Thesis document.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>
	13 <sup>th</sup> May 2020	Had a discussion with the teammates about the final Thesis document.	<ul> <li>R.M.B.B Rathnayaka</li> <li>G.G.L Anjula</li> <li>W.M.K.M.W Wijekoon</li> <li>H.G.R Aruna Shan</li> </ul>

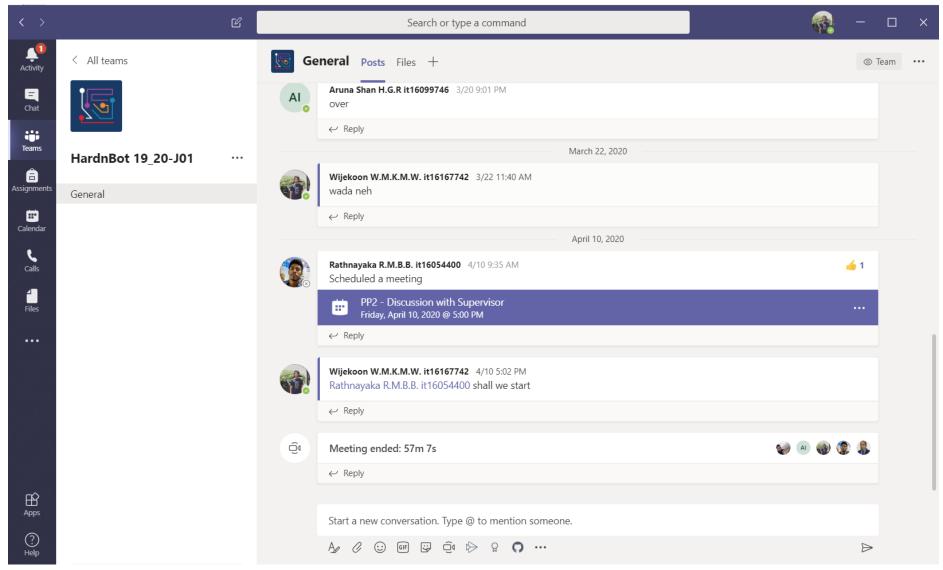


Figure 1 - pp2 discussion with supervisor

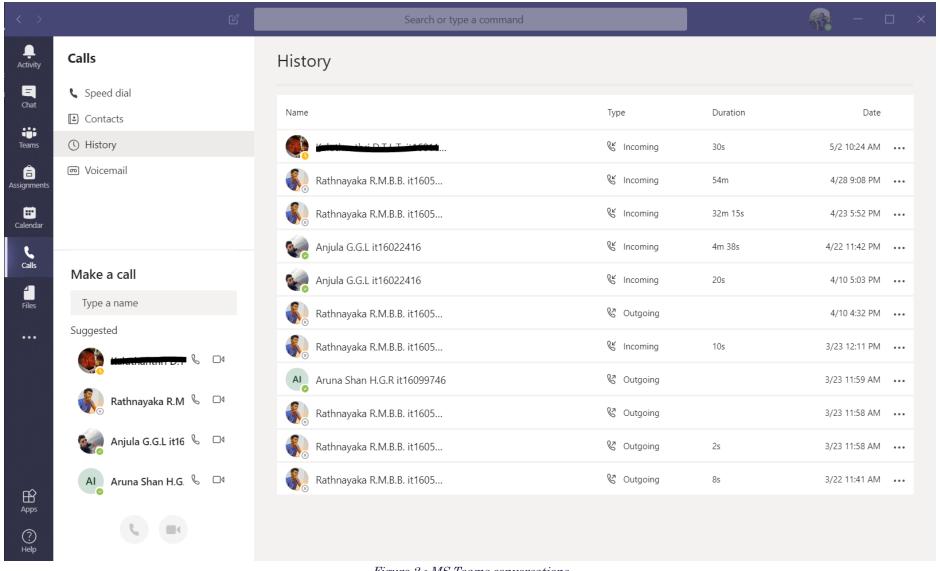


Figure 2 - MS Teams conversations

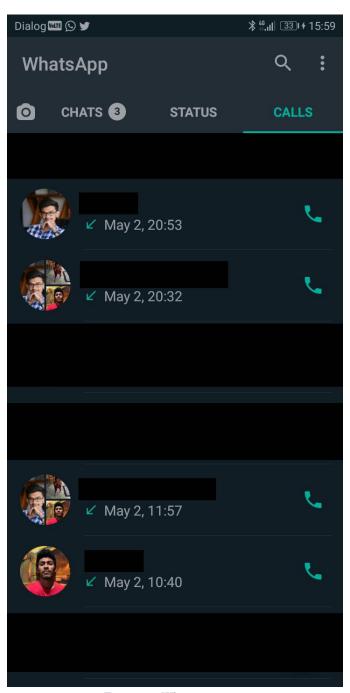


Figure 3 - Whatsapp convo

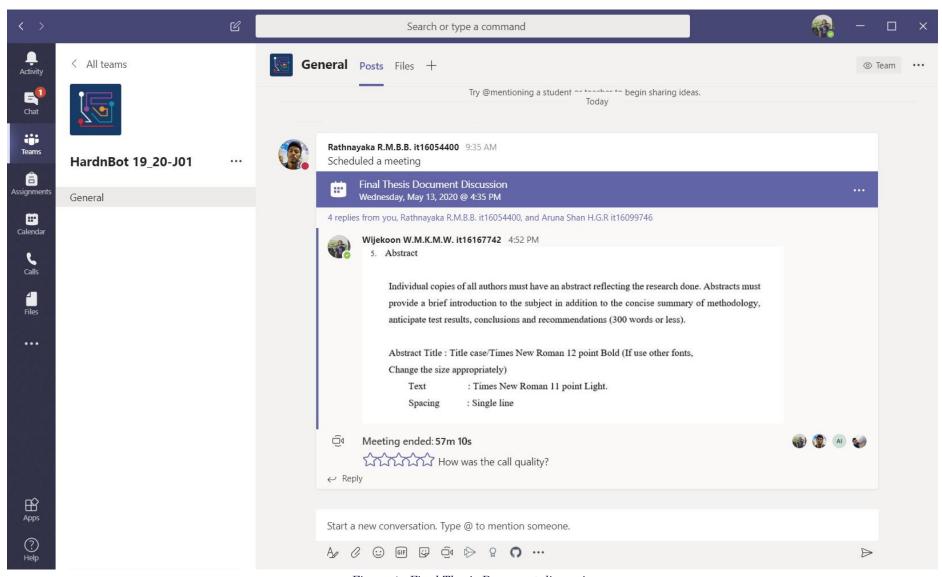


Figure 4 - Final Thesis Document discussion