



**Sri Lanka Institute of Information Technology**  
**B.Sc (Hons) Information Technology Specialized in Software Engineering**

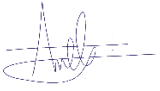
**Research Project - IT4010**

**LOGBOOK**

**Senarathne S M A D – IT20089436**

## DECLARATION

I declare that this is my own work, and this proposal does not incorporate without acknowledgement any material previously submitted for a degree or diploma in any other university or Institute of higher learning and to the best of my knowledge and belief it does not contain any material previously published or written by another person except where the acknowledgement is made in the text.

Name	Student ID	Signature
Senarathne S M A D	IT20089436	

Signature of the Supervisor

Date

(Dr. Darshana Kasthurirathna)

30/10/2023

Signature of the Co-Supervisor

Date

(Dr. Samantha Rajapaksha)

30/10/2023

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## 1. MONTHLY PROGRESS

December 2022	
DATE	DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERED AND HOW SOLVED ETC.
<b>Week 01</b>	<ul style="list-style-type: none"> <li>Started to find a group and a supervisor and co supervisor.</li> <li>Research topic discussion with Dr. Darshana Kasturirathna. (Initial pitch)</li> <li>Discussion of topics with supervisor.</li> <li>Supervisor requested in detail on the selected topic at the next session.</li> <li>Prepared a draft proposal report regarding the research idea.</li> <li>Created a WhatsApp group including supervisor.</li> <li>Finding a co supervisor.</li> <li>Discussing the research topics with the co-supervisor. Prepared the presentation.</li> <li>Referred necessary resources.</li> <li>Initial presentation to the supervisor</li> <li>Critically analyzed the pros and cons of the topic and the presentation.</li> <li>Referred some research papers on similar field to get an idea on the context and the technologies used</li> </ul>
<b>Week 02</b>	<ul style="list-style-type: none"> <li>Referred to some research</li> </ul>
<b>Week 03</b>	<ul style="list-style-type: none"> <li>Referring about some more topics with our supervisor.</li> </ul>
<b>Week 04</b>	<ul style="list-style-type: none"> <li>Research Project weekly meeting and presentation.</li> </ul>
January (2023)	

DATE	DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERED AND HOW SOLVED ETC.
<b>Week 01</b>	<p>We presented our research questions, main research objectives, sub objectives and component division. Initial meeting with external supervisor Dr. (Ms.) Janaki,(Dean Gampaha Wickramarachchi Ayurvedic university of Sri Lanka)</p> <p>Worked on further studies of the selected topics.</p> <ul style="list-style-type: none"> <li>• Divided the components among four team members.</li> <li>• Worked on further studies of doctor specializations and doctors related areas</li> <li>• A background study was done about cutting-edge technologies that can be used for solving our problems.</li> </ul>
<b>Week 02</b>	<ul style="list-style-type: none"> <li>• Designed initial High Level Architectural Diagram for a selected topic with our supervisor.</li> <li>• Designed ER Diagram RP group meeting.</li> <li>• RP group meeting where we discussed progress up to now, progress of the task breakdown structure, topic assessment form and tentative timeline.</li> <li>• Discussed existing problems with supervisor.</li> <li>• High Level Architectural Diagram redesigned.</li> </ul>
<b>Week 03</b>	<ul style="list-style-type: none"> <li>• High Level Architectural Diagram redesigned.</li> <li>• Meeting our external co supervisor for doubt clearance discussion.</li> </ul>
<b>Week 04</b>	<ul style="list-style-type: none"> <li>• Group registrations were submitted.</li> <li>• Updated supervisor on the progress of the topic evaluation.</li> <li>• Worked on the topic assessment form. Supervisor shared a folder to upload our topic assessment form.</li> </ul>

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February (2023)	
DATE	DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERED AND HOW SOLVED ETC.
Week 01	<ul style="list-style-type: none"> <li>Worked on the topic assessment form</li> </ul>
Week 02	<ul style="list-style-type: none"> <li>Worked on the Gannt Chart</li> </ul>
Week 03	<ul style="list-style-type: none"> <li>Feedback was given by the supervisor regarding the Gannt Chart</li> <li>Comments were given by the supervisor to the topic assessment form.</li> <li>Supervisor group meeting to discuss the feedback given.</li> <li>Refined the topic assessment form as per the comments given.</li> </ul>
Week 04	<ul style="list-style-type: none"> <li>Refined the topic assessment form as per the comments given.</li> <li>Had a discussion with my co-supervisor to clarify some concerns regarding individual scopes.</li> <li>Final confirmation was given to the topic assessment form by the supervisor.</li> <li>Researched about existing systems and lit review.</li> </ul>

March (2023)
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DATE	DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERED AND HOW SOLVED ETC.
Week 01	<ul style="list-style-type: none"> <li>• Proposal Reports Drafts are started.</li> <li>• Progress of the presentation practice.</li> </ul>
Week 02	<ul style="list-style-type: none"> <li>• Updated supervisor regarding the comments given for the topic assessment form by the panelists.</li> <li>• Had a meeting with supervisor.</li> <li>• Working on the proposal reports.</li> </ul>
Week 03	<ul style="list-style-type: none"> <li>• Updated supervisor regarding the progress of the presentation.</li> </ul>
Week 04	<ul style="list-style-type: none"> <li>• Submitted the project proposal document to CDAP cloud drive.</li> <li>• Submitted the approved topic assessment form to CDAP cloud drive.</li> <li>• Uploaded draft proposals into the cloud drive.</li> </ul>

April (2023)	
DATE	DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERED AND HOW SOLVED ETC.
Week 01	<ul style="list-style-type: none"> <li>• Proposal presentation practice session with group.</li> </ul>
Week 02	<ul style="list-style-type: none"> <li>• Proposal presentation</li> <li>• RP group meeting</li> </ul>

<b>Week 03</b>	<ul style="list-style-type: none"> <li>Submitted the proposal presentation to CDAP cloud drive.</li> <li>Field visit to Gampaha Wikramarachchi.</li> <li>Sent all the proposal reports to supervisor to get the Turnitin report.</li> </ul>
<b>Week 04</b>	<ul style="list-style-type: none"> <li>Submitted the individual project proposals to CDAP cloud drive.</li> <li>Updated supervisor regarding the progress of the implementations.</li> <li>Model training.</li> </ul>

May (2023)	
DATE	DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERED AND HOW SOLVED ETC.
<b>Week 01</b>	<ul style="list-style-type: none"> <li>Model training.</li> </ul>
<b>Week 02</b>	<ul style="list-style-type: none"> <li>Physical meeting with supervisor.</li> </ul>
<b>Week 03</b>	<ul style="list-style-type: none"> <li>Second field visit to Gampaha Wickramarachchi.</li> <li>Defined datasets for related components.</li> <li>Discussions about progress and future works.</li> <li>Proposal Markings</li> </ul>



<b>Week 04</b>	<ul style="list-style-type: none"> <li>Submitted MS teams and GITLAB details to the CDAP cloud drive.</li> <li>Third field visit to Gampaha Wickramarachchi to collect datasets.</li> <li>Updated supervisor regarding the progress of individual components.</li> </ul>
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June (2023)	
DATE	DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERED AND HOW SOLVED ETC.
<b>Week 01</b>	<ul style="list-style-type: none"> <li>Trained a model using Decision Tree</li> <li>Validate and improve the Modal.</li> </ul>
<b>Week 02</b>	<ul style="list-style-type: none"> <li>Meet with the co-supervisor to discuss the progress of the research component.</li> <li>We were guided to work with the Overleaf application, which can be used to write research papers, and we were asked to start work on individual research papers.</li> <li>Meet with the group members to discuss the overall implementation's service architecture, user interfaces, and user experience.</li> <li>Meet with the co-supervisor to discuss the progress of the research component and research paper writing progress.</li> <li>Meet with the co-supervisor to discuss the progress of the</li> </ul>

	research component and research paper writing progress. Meet with the group members to finalize the overall implementation's service architecture, user interfaces, and user experience.
<b>Week 03</b>	<ul style="list-style-type: none"> <li>• Tested Trained Modal, Check accuracy, Try out another Machine learning algorithms to get a more accuracy</li> <li>• Meet with the co-supervisor to discuss the progress of the research component and research paper writing progress.</li> </ul>
<b>Week 04</b>	<ul style="list-style-type: none"> <li>• Wrote an algorithm for sort the Doctors with distance and Rate &amp; Reviews</li> <li>• Meet with the group members to finalize the overall implementation's service architecture, user interfaces, and user experience.</li> </ul>

July (2023)	
Date	DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERED AND HOW SOLVED ETC.

<b>Week 01</b>	<ul style="list-style-type: none"> <li>• Test the Modal and Algorithms and improve performance.</li> </ul>
<b>Week 02</b>	<ul style="list-style-type: none"> <li>• Working on test the Modal and Algorithms and improve performance.</li> <li>• Meet with the co-supervisor to discuss the progress of the research component and research paper writing progress.</li> </ul>
<b>Week 03</b>	<ul style="list-style-type: none"> <li>• Test the Modal and Algorithms and improve performance.</li> <li>• Meet with the group members to discuss finished common implementations, which are user service and mobile app home page, and fix some raised issues.</li> </ul>
<b>Week 04</b>	<ul style="list-style-type: none"> <li>• Test the Modal and Algorithms and improve performance.</li> <li>• Backend Code initiation.</li> </ul>
<b>Week 05</b>	<ul style="list-style-type: none"> <li>• Mobile frontend designing initiation.</li> <li>• Backend Code initiation.</li> <li>• Created a classification report Meet with the co-supervisor to discuss the progress of the research component and research paper writing progress.</li> <li>• Meet with the group members to discuss the implementation progress of each component.</li> </ul>

August (2023)	
DATE	DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERED AND HOW SOLVED ETC.
Week 01	<ul style="list-style-type: none"> <li>• Meet with the co-supervisor to discuss the progress of the research component and research paper writing progress.</li> <li>• Meet with the group members to finalize and submit one of the written research papers for the ICAC conference.</li> <li>• Writing Research paper in Overleaf</li> </ul>
Week 02	<ul style="list-style-type: none"> <li>• Start implement the backend User Authorization and Authentication Services</li> </ul>
Week 03	<ul style="list-style-type: none"> <li>• Test backend services</li> <li>• Meet with the supervisor physically to discuss the progress of the research component and combined research paper.</li> </ul>
Week 04	<ul style="list-style-type: none"> <li>• We have received an e-mail from our co-supervisor to combine our research components and write a single research paper. We started working on it.</li> <li>• Meet with the co-supervisor physically to discuss the progress. of combined and individual research papers.</li> <li>• Design the Databases.</li> <li>• Start Implement the data preprocessing task from the data base.</li> </ul>

<b>Week 05</b>	<ul style="list-style-type: none"> <li>• Worked on Backend Implementations</li> <li>• Feedback were given by the supervisor.</li> </ul>
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September (2023)	
DATE	DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERED AND HOW SOLVED ETC.
<b>Week 01</b>	<ul style="list-style-type: none"> <li>• Started working on the research paper.</li> <li>• Work on backend implementations</li> <li>• Start the implementation of Google Natural language processing.</li> </ul>
<b>Week 02</b>	<ul style="list-style-type: none"> <li>• Work on frontend and backend implementations</li> <li>• Start the implementation of Messenger Service</li> <li>• Meet with the co-supervisor to give an update about the project's progress.</li> </ul>
<b>Week 03</b>	<ul style="list-style-type: none"> <li>• Work on frontend and backend implementations</li> <li>• Meet with the co-supervisor to give an update about the project's progress</li> </ul> <p>Meet with the co-supervisor to discuss the final presentation. We were asked to make some improvements to the presentation slides</p>

<b>Week 04</b>	<ul style="list-style-type: none"> <li>• Meet with the co-supervisor to give an update about the project's progress.</li> <li>• Submitted the final research paper to HINDAWI 2023 with revisions.</li> <li>• Submitted the final research paper to CDAP cloud drive.</li> <li>• PP2 and research thesis discussion with supervisor.</li> </ul>
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October (2023)	
DATE	DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERED AND HOW SOLVED ETC.
<b>Week 01</b>	<ul style="list-style-type: none"> <li>• Meet with the co-supervisor to discuss the feedback on the submitted paper to Hindawi Applied Computational Intelligence and Soft Computing journal. We were given guidance to work on the requested changes.</li> <li>• Submitted a draft research paper to co-supervisor for evaluations.</li> <li>• RP meeting to discuss the feedbacks on the research paper.</li> <li>• 19th October 2023 Meet with the co-supervisor to give an update about the project's progress. 26th October 2023 Meet with the co-supervisor to discuss the final presentation. We were asked to make some improvements to the presentation slides.</li> </ul>
<b>Week 02</b>	<ul style="list-style-type: none"> <li>• Meet with the co-supervisor to give an update on the progress of requested changes of the submitted journal paper.</li> <li>• Meet with co-supervisor to revise and again submit the paper with requested changes to Hindawi Applied Computational Intelligence and Soft Computing journal.</li> <li>• Meet with the co-supervisor to give an update about the project's progress.</li> <li>• Final Presentation Preparations.</li> </ul>

<b>Week 03</b>	<ul style="list-style-type: none"> <li>• Final Presentation Preparations.</li> <li>• Meet with the co-supervisor to give an update about the project's progress.</li> <li>• Testing the Model</li> <li>• Deployment of the 3 components.</li> <li>• UI and Frontend development.</li> <li>• Backend implementation Finalization.</li> </ul>
<b>Week 04</b>	<ul style="list-style-type: none"> <li>• Final Presentation Preparations.</li> <li>• Meet with the co-supervisor to give an update about the project's progress.</li> <li>• Testing the Model</li> <li>• UI and Frontend development.</li> <li>• Backend implementation Finalization.</li> <li>• Testing the model accuracies.</li> </ul>

November (2023)	
DATE	DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERED AND HOW SOLVED ETC.
<b>Week 01</b>	<ul style="list-style-type: none"> <li>• Final Presentations</li> <li>• Got feedback.</li> <li>• Uploaded the Presentations to the CDAP.</li> <li>• Meetings with Co supervisor</li> <li>• Logbook Submission.</li> <li>• Poster submission</li> <li>• Website Submission</li> <li>• ICAC presentations</li> </ul>

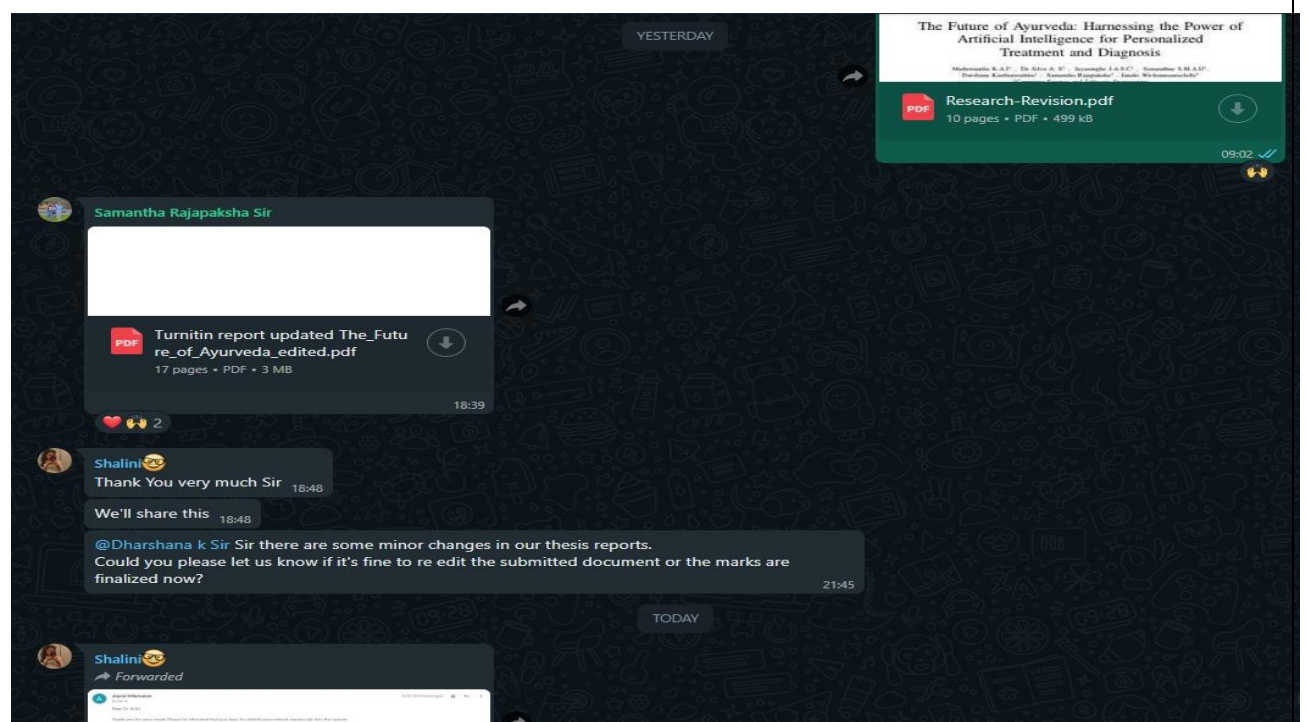
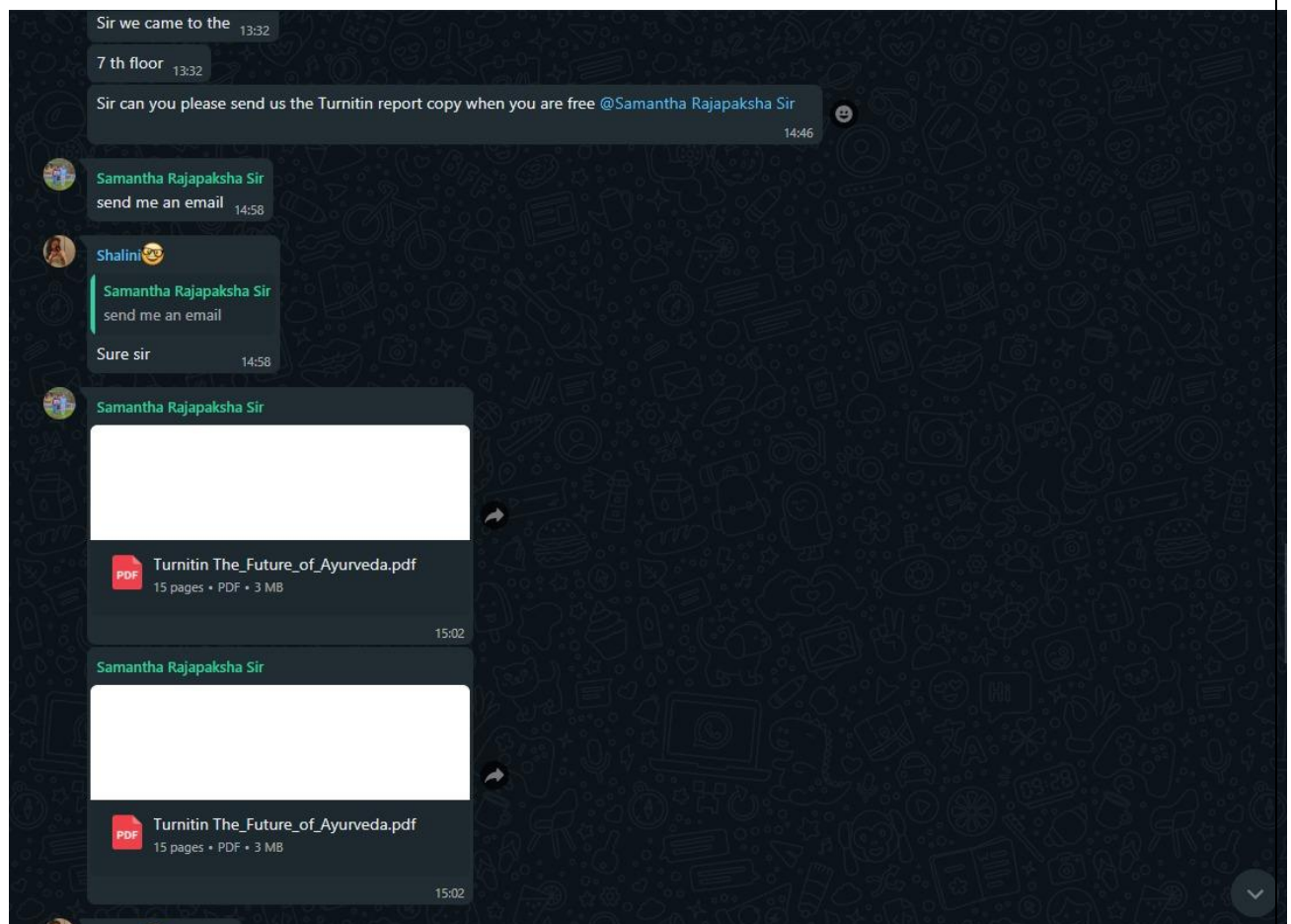
## 2. ALL REPOSITORIES

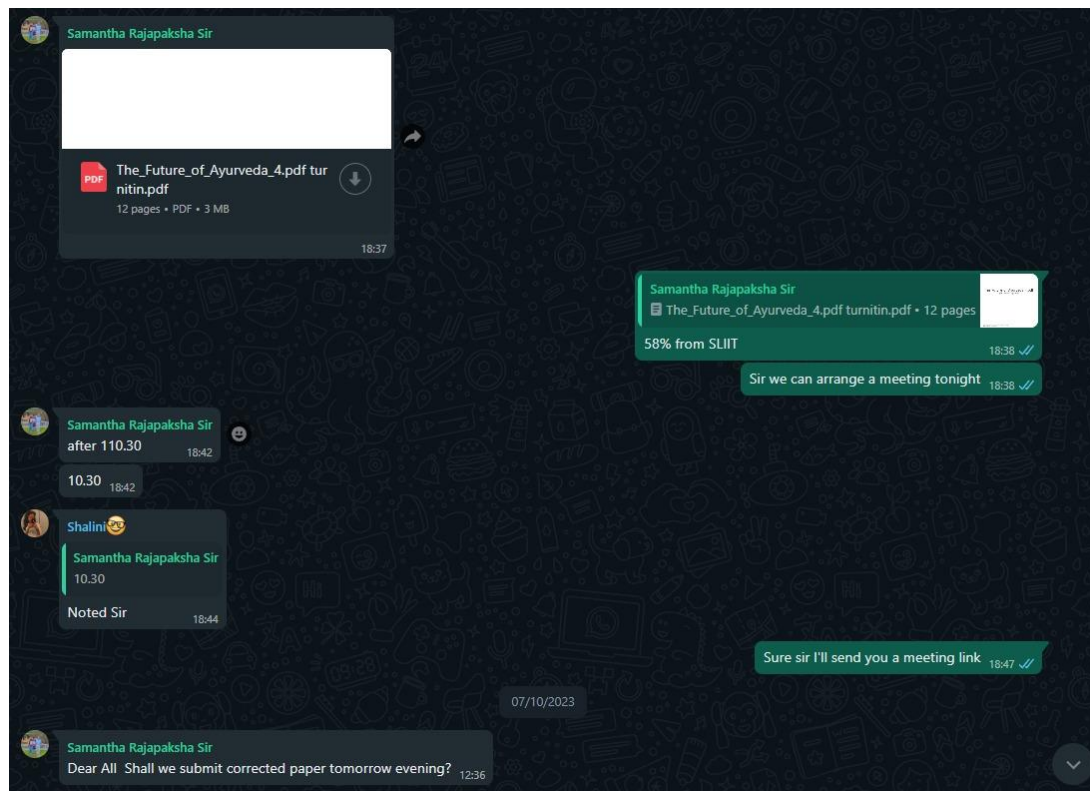
The screenshot displays a GitHub repository page for the 'AyurMinds' project. At the top, there is a search bar with the placeholder text 'Find a repository...' and three filter buttons: 'Type', 'Language', and 'Sort'. A green button labeled 'New repository' is located in the top right corner. The main content area lists ten repositories, each with a title, a visibility label (Public or Private), a description, a language icon (JavaScript or C#), and statistics for forks, stars, and pull requests. The repositories are: 1. 'AyurMinds-Client-Web-App' (Public, JavaScript, Updated 15 hours ago). 2. 'AyurMinds-Authentication-Service' (Private, JavaScript, Updated 3 days ago, Description: 'Authentication verifies the identity of a user'). 3. 'AyurMinds-Authorization-Service' (Private, JavaScript, Updated 3 days ago, Description: 'Authorization determines their access rights'). 4. 'AyurMinds-Gateway' (Private, JavaScript, Updated 3 days ago). 5. 'AyurMinds-Dashboard' (Private, JavaScript, Updated on Sep 14, MIT license). 6. 'AyurMinds-Real\_Time\_Service' (Public, Updated on Sep 13). 7. 'AyurMinds-Client-Mobile-App' (Public, JavaScript, Updated on Sep 6). 8. 'AyurMinds-Doctor\_Service' (Private, JavaScript, Updated on Sep 4). 9. 'AyurMinds-Chatbot-Service' (Private, JavaScript, Updated on Sep 4). 10. 'AyurMinds-Doctor\_Recommendation-Service' (Private, Updated on Sep 3). 11. 'AyurMinds-Chat-Service-' (Private, JavaScript, Updated on Sep 3). 12. 'AyurMinds-AyurConnect-Service-1' (Public, C#, Updated on Sep 1). 13. 'AyurMinds-Design' (Private, Updated on Jul 18). Each repository entry includes a small line graph on the right side of the repository card.

Repository Name	Visibility	Language	Description	Updated
AyurMinds-Client-Web-App	Public	JavaScript		Updated 15 hours ago
AyurMinds-Authentication-Service	Private	JavaScript	Authentication verifies the identity of a user	Updated 3 days ago
AyurMinds-Authorization-Service	Private	JavaScript	Authorization determines their access rights	Updated 3 days ago
AyurMinds-Gateway	Private	JavaScript		Updated 3 days ago
AyurMinds-Dashboard	Private	JavaScript		Updated on Sep 14
AyurMinds-Real_Time_Service	Public			Updated on Sep 13
AyurMinds-Client-Mobile-App	Public	JavaScript		Updated on Sep 6
AyurMinds-Doctor_Service	Private	JavaScript		Updated on Sep 4
AyurMinds-Chatbot-Service	Private	JavaScript		Updated on Sep 4
AyurMinds-Doctor_Recommendation-Service	Private			Updated on Sep 3
AyurMinds-Chat-Service-	Private	JavaScript		Updated on Sep 3
AyurMinds-AyurConnect-Service-1	Public	C#		Updated on Sep 1
AyurMinds-Design	Private			Updated on Jul 18



### 3. SCREENSHOTS OF THE SUPERVISOR AND CO SUPERVISOR GROUP MESSAGES – WHATSAPP





## 4. MOBILE APPLICATION COMMITS

Commits

main

Commits on Sep 2, 2023

Merge pull request #16 from FYRP-2023/AYUR-55	Verified	c9c1dd6	<>	Tip
ImashaKuruppu25 committed on Sep 2				
Merge branch 'development1.0' of https://github.com/FYRP-2023/AyurMind...		ab608c8	<>	Tip
amila1998 committed on Sep 2				
new commit chat		f28ceae	<>	Tip
amila1998 committed on Sep 2				
Merge pull request #15 from FYRP-2023/AYUR-38	Verified	12cc122	<>	Tip
ImashaKuruppu25 committed on Sep 2				
bugfix : fixing the plugin issue		c889c71	<>	Tip
shalinid99 committed on Sep 2				
Merge pull request #12 from FYRP-2023/development1.0	Verified	3dc5538	<>	Tip
ImashaKuruppu25 committed on Sep 2				
Merge pull request #13 from FYRP-2023/social-network	Verified	1e5c6a3	<>	Tip
ImashaKuruppu25 committed on Sep 2				
Merge remote-tracking branch 'origin/development1.0' into social-network		523e4a4	<>	Tip
sunerajayasinghe committed on Sep 2				
Merge pull request #14 from FYRP-2023/AYUR-38	Verified	eb76265	<>	Tip
ImashaKuruppu25 committed on Sep 2				
feature : image picker implementation		6381468	<>	Tip
shalinid99 committed on Sep 2				
fix : changing the sub heading		9fdcf52	<>	Tip
shalinid99 committed on Sep 2				
feature: social network UIs		7a6f163	<>	Tip
sunerajayasinghe committed on Sep 2				
Merge remote-tracking branch 'origin/development1.0' into social-network		a26ecdf	<>	Tip
sunerajayasinghe committed on Sep 2				
feature: social network UIs		68ca39d	<>	Tip
sunerajayasinghe committed on Sep 2				
Merge pull request #11 from FYRP-2023/AYUR-37	Verified	a9c7e2b	<>	Tip
ImashaKuruppu25 committed on Sep 2				
feature : create the single chat screen		3e8f692	<>	Tip
Imasha Kuruppu committed on Sep 2				
feature : adding the single chat and new chat toggle feature		11be5fe	<>	Tip
Imasha Kuruppu committed on Sep 2				
Merge pull request #10 from FYRP-2023/development1.0	Verified	bbd78f1	<>	Tip
ImashaKuruppu25 committed on Sep 2				
Merge pull request #9 from FYRP-2023/AYUR-36	Verified	8a3b7ed	<>	Tip
ImashaKuruppu25 committed on Sep 2				
Merge pull request #8 from FYRP-2023/development1.0	Verified	c3182a6	<>	Tip
ImashaKuruppu25 committed on Sep 2				
adding the scroll view		bc25595	<>	Tip
Imasha Kuruppu committed on Sep 2				

## 5. JIRA BOARD

The screenshot shows the Jira Software interface for the 'Ayur\_Minds' project. The left sidebar contains navigation options: Timeline, Backlog (selected), Board, Reports, Issues, Add shortcut, and Project settings. The main area displays the 'Backlog' for 'Ayur\_Minds'. At the top, there's a search bar and a 'Create' button. Below, a filter bar shows 'Epic' and 'Clear filters'. The backlog is organized into a sprint named 'AYUR Sprint 1' (17 Jul - 31 Dec) with 8 of 30 issues visible. The issues are listed in a table with columns for issue key, summary, status, priority, and assignee. The issues are: AYUR-12 (API to save, update and delete content inside the social network), AYUR-13 (API to search related content by keywords), AYUR-14 (API to search related content by filtration), AYUR-15 (Extracting associated disease and treatment entities based on natural language processing), AYUR-16 (Scheduled service to update existing the Knowledgebase), AYUR-17 (User interfaces implementation), AYUR-18 (Configure Apache Pinot database), and AYUR-19 (Solution deployment). The status of these issues is 'DONE' or 'TO DO'. Below the sprint, there's a section for 'Backlog (0 Issues)' with a 'Create sprint' button.

Issue Key	Summary	Status	Priority	Assignee
AYUR-12	API to save, update and delete content inside the social network	DONE	High	Sj
AYUR-13	API to search related content by keywords	DONE	High	Sj
AYUR-14	API to search related content by filtration	DONE	High	Sj
AYUR-15	Extracting associated disease and treatment entities based on natural language processing	DONE	High	Sj
AYUR-16	Scheduled service to update existing the Knowledgebase	DONE	High	Sj
AYUR-17	User interfaces implementation	DONE	High	Sj
AYUR-18	Configure Apache Pinot database	TO DO	High	Sj
AYUR-19	Solution deployment	DONE	High	Sj

The screenshot shows the Jira Kanban Board for the 'Ayur\_Minds' project. The board is organized into columns: TO DO, IN PROGRESS (1 of 5), TESTING, PEER-REVIEW, and DONE (3 of 19). The 'IN PROGRESS' column contains one issue: 'Herb description screen implementation' (AYUR-39). The 'DONE' column contains three issues: 'Creating the Herb Identification screen' (AYUR-34), 'Camera access configure to capture herbs' (AYUR-35), and 'Image upload feature' (AYUR-36). Each issue card shows a checklist, a status icon, and an assignee.

Column	Issue Key	Summary	Status	Assignee
IN PROGRESS	AYUR-39	Herb description screen implementation	In Progress	Sj
DONE	AYUR-34	Creating the Herb Identification screen	Done	Sj
DONE	AYUR-35	Camera access configure to capture herbs	Done	Sj
DONE	AYUR-36	Image upload feature	Done	Sj

Ayur\_Minds  
Software project

- Timeline
- Backlog
- Board**
- Reports
- Issues
- Add shortcut
- Project settings

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Projects / Ayur\_Minds

## AYUR Sprint 1

Epic
Type

GROUP BY: Subtask
Insights
View settings

TO DO 2
IN PROGRESS 5
TESTING 2
PEER-REVIEW 4
DONE 19 ✓

✓ AYUR-26 Doctor Recommendation Service 3 subtasks **DONE**

Initialize the doctor recommendation server

✓ AYUR-29

Initil doctor recommendation modal training

✓ AYUR-27

Data preprocessing

✓ AYUR-28

Everything else 29 issues

Configure Apache Pinot database  
SOCIAL NETWORK IMPLEMENTATION

✓ AYUR-18

Web App

✓ AYUR-42

UI/UX Designs

✓ AYUR-9

Herb description screen implementation

✓ AYUR-39

Doctor Booking Service

✓ AYUR-41

Chatbot UI modifications

✓ AYUR-40

Adding Redux for the store management in the mobile frontend

✓ AYUR-30

Creating the API gateway in frontend side

✓ AYUR-31

Signup screen implementation

✓ AYUR-24

Welcome page implementation

✓ AYUR-23

Creating the Top Navigation Bar

✓ AYUR-22

Initiate mobile app frontend

✓ AYUR-21

Chat Service

✓ AYUR-33

Initial Authentication Service  
INITIAL STATE

✓ AYUR-6

Initial Backend  
INITIAL STATE

✓ AYUR-6

API to save, update and delete content inside the social network  
SOCIAL NETWORK IMPLEMENTATION

TO DO
IN PROGRESS 1 OF 5
TESTING 2 OF 2
PEER-REVIEW 4 OF 4
DONE 4 OF 19 ✓

Everything else 11 issues

Chatbot UI modifications

✓ AYUR-40

Adding Redux for the store management in the mobile frontend

✓ AYUR-30

Creating the API gateway in frontend side

✓ AYUR-31

Signup screen implementation

✓ AYUR-24

Welcome page implementation

✓ AYUR-23

Creating the Top Navigation Bar

✓ AYUR-22

Initiate mobile app frontend

✓ AYUR-21

Implement the single chat view in chatbot

✓ AYUR-37

Creating the chat bot welcome screen

✓ AYUR-32

Chat screen header implementation

✓ AYUR-36

Mobile Login screen implementation

✓ AYUR-25

## 6. GANTT CHART

	February	March	April	May	June	July	August	September	October
<i>API to save, update and delete content inside the social network</i>									
<i>API to search related content by keywords</i>									
<i>API to search related content by filtration</i>									
<i>Solution to extract related diseases and entities along with their relationships</i>									
<i>Scheduled service to update the existing Knowledge Base</i>									
<i>User interfaces implementation</i>									
<i>Solution deployment</i>									



## 8. MEETINGS AND CONVERSATIONS

<div> <input type="checkbox"/> </div> <div> Samantha Rajapaksha...  Workshop at 2.00 pm ...  Dear Students Please joi... </div> <div> 7/14/2023  Inbox </div>	<div> &gt; </div> <div> DK  Dharshana Kasthurirathna  DRAFT RESEARCH PAPER  Noted. You can go ahead with this one. Dharshan... </div> <div> 8/27/2023  Inbox </div>
<div> </div> <div> Samantha Rajapaksha  Pre-Conference works...  Dear Students Please joi... </div> <div> 7/11/2023  Inbox </div>	<div> &gt; </div> <div> DK  Dharshana Kasthurirathna  Ethical Clearance Form for Research  Please find the attached. Dharshana Kasthurirathn... </div> <div> 6/1/2023  Inbox </div>
<div> </div> <div> Samantha Rajapaksha  Meeting Attendance  Dear Students Please ref... </div> <div> 7/8/2023  Inbox </div>	<div> &gt; </div> <div> DK  Dharshana Kasthurirathna  Progress Meeting with Supervisor  [EXTERNAL EMAIL] This email has been received fr... </div> <div> 5/22/2023  Inbox </div>
<div> &gt; </div> <div> </div> <div> Samantha Rajapaksha  Project Meeting  Dear All Join the meetin... </div> <div> 6/23/2023  Inbox </div>	<div> &gt; </div> <div> DK  Dharshana Kasthurirathna  Research Discussion - Future of Ayurveda  [EXTERNAL EMAIL] This email has been received fr... </div> <div> 3/30/2023  Inbox </div>
<div> &gt; </div> <div> </div> <div> Samantha Rajapaksha  Co Supervisor Meeting  [EXTERNAL EMAIL] This ... </div> <div> 6/22/2023  Inbox </div>	<div> &gt; </div> <div> DK  Dharshana Kasthurirathna  Research discussion  [EXTERNAL EMAIL] This email has been received fr... </div> <div> 3/30/2023  Inbox </div>
<div> <input type="checkbox"/> </div> <div> Occurs every Th...  No conflicts </div> <div> RSVP </div>	<div> &gt; </div> <div> DK  Dharshana Kasthurirathna  Request for an Email Confirmation for Research ...  I confirm the supervision of this project. Dharshan... </div> <div> 3/13/2023  Inbox </div>
<div> &gt; </div> <div> </div> <div> Samantha Rajapaksha  Project Meeting  Dear Students This week'... </div> <div> 6/6/2023  Inbox </div>	<div> &gt; </div> <div> DK  Dharshana Kasthurirathna  TAF Feedback Discussion  [EXTERNAL EMAIL] This email has been received fr... </div> <div> 3/8/2023  Inbox </div>
<div> &gt; </div> <div> </div> <div> Samantha Rajapaksha  Research Project Logb...  Dear Students Please co... </div> <div> 5/29/2023  Inbox </div>	<div> &gt; </div> <div> DK  Dharshana Kasthurirathna  External supervisor discussion  [EXTERNAL EMAIL] This email has been received fr... </div> <div> 2/19/2023  Inbox </div>
<div> &gt; </div> <div> </div> <div> Samantha Rajapaksha  Project meeting  Extremely sorry for the la... </div> <div> 5/13/2023  Inbox </div>	<div> &gt; </div> <div> DK  Dharshana Kasthurirathna  External supervisor identified for research proje...  I'm free Sunday 9pm. Please send a meeting requ... </div> <div> 2/16/2023  Inbox </div>
<div> &gt; </div> <div> </div> <div> Samantha Rajapaksha  Co Supervisor Meeting  [EXTERNAL EMAI... </div> <div> 5/13/2023  Deleted Items </div>	<div> &gt; </div> <div> DK  Dharshana Kasthurirathna  Topic Assessment Form  Please find my comments attached. Dharshana Ka... </div> <div> 2/7/2023  Inbox </div>
<div> &gt; </div> <div> </div> <div> Samantha Rajapaksha  External supervisor ide...  4.30 pm is ok Thank you,... </div> <div> 2/16/2023  Inbox </div>	

**Co Supervisor Meeting**

Occurs every Thursday from 22:30 to 23:00 effective Thu 2023-06-29 [Show all instances](#)

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Dear All

Please join the co supervisor meeting on Thursday at 9.00 pm online.

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 Passcode: QjnGyu  
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**Research Paper Discussion**

Wed 2023-10-04 22:30 - 23:00

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Meeting recap
 

Recording

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**Tracking**

**Organizer**

Maduwantha K.A.I it20069...  
 Sent on Wednesday, 2023-10-04 at 20:18

**Attendees**

You responded "Yes"

✓ Yes: 1

Jayasinghe J.A.S.C. it202...  
 Required

✓ Didn't respond: 3

Samantha Rajapaksha  
 Required

De Silva S it20166038  
 Required

Senarathne S.M.A.D it20...  
 Required

**Recorrect Research Paper Submission**

Wed 2023-10-11 11:30 - 11:45

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**Tracking**

**Organizer**

Maduwantha K.A.I it20069...  
 Sent on Wednesday, 2023-10-11 at 11:12

**Attendees**

You didn't respond

✓ Yes: 1

Senarathne S.M.A.D it20...  
 Required

✓ Didn't respond: 3

Samantha Rajapaksha  
 Required

De Silva S it20166038  
 Required

Jayasinghe J.A.S.C. it202...  
 Required



Progress Meeting with Supervisor

Mon 2023-05-22 15:00 - 15:30

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Tracking

Organizer

Maduwantha K.A.I it20069...

Sent on Monday, 2023-05-22 at 10:37

Attendees

You responded "Yes"

Yes: 2

DK

Dharshana Kasthurirathna

Required

JL

Jayasinghe J.A.S.C. it202...

Required

Didn't respond: 2

D

De Silva S it20166038

Required

Senarathne S.M.A.D it20...

Required

Research Discussion - Future of Ayurveda

Fri 2023-03-31 21:00 - 21:30

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Tracking

Organizer

Maduwantha K.A.I it20069...

Sent on Thursday, 2023-03-30 at 22:06

Attendees

You responded "Yes"

Yes: 3

DK

Dharshana Kasthurirathna

Required

Senarathne S.M.A.D it20...

Required

JL

Jayasinghe J.A.S.C. it202...

Required

Didn't respond: 1

D

De Silva S it20166038

Required

TAF Feedback Discussion

Wed 2023-03-08 21:00 - 21:30

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Tracking

Organizer

Maduwantha K.A.I it20069...

Sent on Wednesday, 2023-03-08 at 09:31

Attendees

You responded "Yes"

Yes: 2

DK

Dharshana Kasthurirathna

Required

JL

Jayasinghe J.A.S.C. it202...

Required

Didn't respond: 3

D

De Silva S it20166038

Required

Senarathne S.M.A.D it20...

Required

25

Research Topic Discussion

Sun 2023-01-01 21:00 - 22:00

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External supervisor discussion

Sun 2023-02-19 21:00 - 21:30

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Organizer

Maduwantha K.A.I it20069...

Sent on Thursday, 2022-12-29 at 15:47

Attendees

You responded "Yes"

Yes: 2

DK

Dharshana Kasthurirathna

Required

Jl

Jayasinghe J.A.S.C. it202...

Required

Didn't respond: 3

D

De Silva S it20166038

Required

Senarathne S.M.A.D it20...

Required

Tracking

Organizer

Maduwantha K.A.I it20069...

Sent on Sunday, 2023-02-19 at 20:24

Attendees

You responded "Yes"

Yes: 2

DK

Dharshana Kasthurirathna

Required

Jl

Jayasinghe J.A.S.C. it202...

Required

Didn't respond: 2

Senarathne S.M.A.D it20...

Required

D

De Silva S it20166038

Required

26

Research topic discussion

Tue 2022-12-13 20:30 - 21:00

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Organizer

Maduwantha K.A.I. it20069...

Sent on Tuesday, 2022-12-13 at 15:25

Attendees

You didn't respond

Yes: 1

DK

Dharshana Kasthurirathna

Required

Didn't respond: 3

Senarathne S.M.A.D it20...

Required

D

De Silva S it20166038

Required

J

Jayasinghe J.A.S.C. it202...

Required

Outlook

Search

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Co Supervisor Meeting Tomorrow 22:30 Microsoft T...

Home View Help

New mail

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Archive

Report

Sweep

Move to

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Reply all

Forward

Quick steps

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Folders

Inbox

Drafts

Sent Items

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Notes

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DRAFT RESEARCH PAPER

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Maduwantha K.A.I. it20069186 <it20069186@mysliit.lk>

To: Dharshana Kasthurirathna; Samantha Rajapaksha

Cc: De Silva S it20166038; Senarathne S.M.A.D it20089436; Jayasinghe J.A.S.C. it20216078

Sat 2023-08-26 21:42

The Future of Ayurveda-upd...

270 KB

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Dear sir,

Please find the attached updated research paper.

...

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DK

Dharshana Kasthurirathna <dharshana.k@slit.lk>

To: Maduwantha K.A.I. it20069186; Samantha Rajapaksha

Sun 2023-08-27 07:56

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Search

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New mail

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Move to

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Reply all

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Read / Unread

Folders

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Cc: De Silva S it20166038; Senarathne S.M.A.D it20089436; Jayasinghe J.A.S.C. it20216078

Fri 2023-08-25 17:19

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Please find the attached.

Dharshana

Kasthurirathna, PhD (USyd)

Assistant Professor

Department of Software Engineering

Faculty of Computing

Sri Lanka Institute of Information Technology

Sri Lanka

Tel: +94-11-754-4140

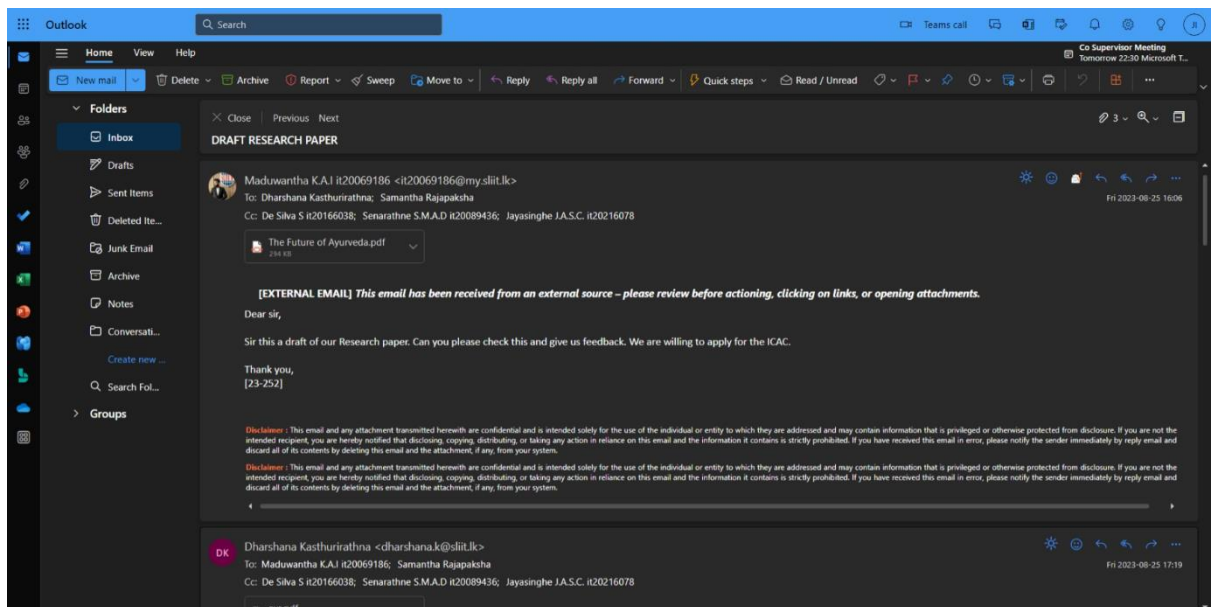
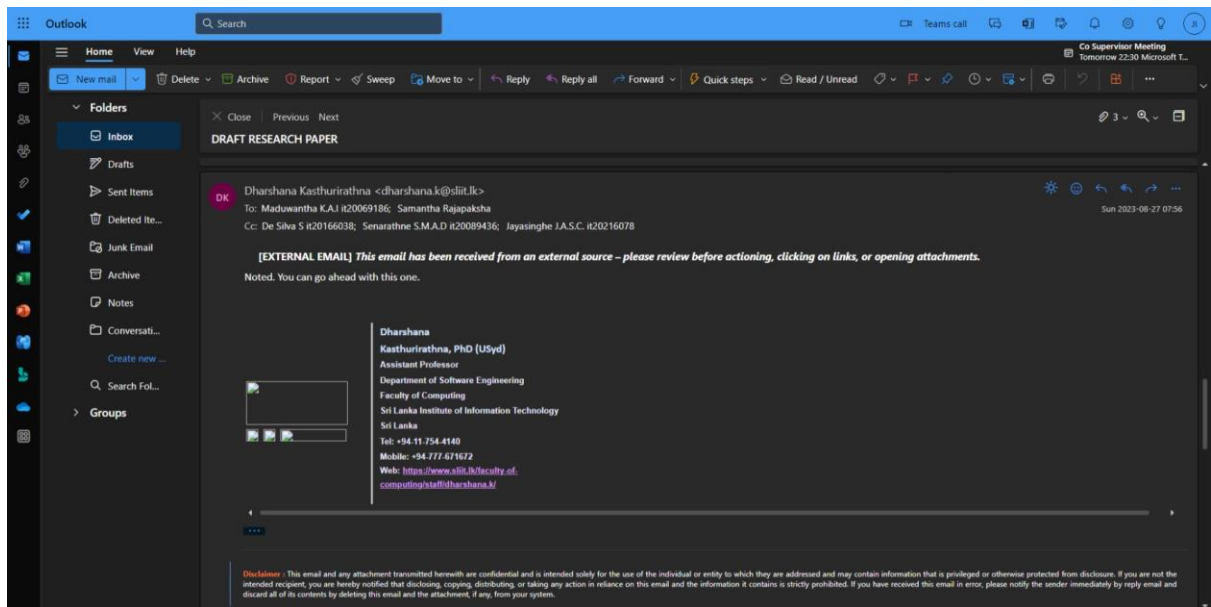
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## 9. RESEARCH PAPER ACCEPTANCE LETTERS

Acceptance Notification: 5th International Conference on Advancements in Computing

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Dear Imasha Kuruppu,

**Congratulations!** We are pleased to inform you that your paper has been accepted to be presented at the 5th International Conference on Advancements in Computing 2023.

Paper ID: 283  
Paper Title: The Future of Ayurveda: Harnessing the Power of Artificial Intelligence for Personalized Treatment and Diagnosis

Please visit <https://cmt3.research.microsoft.com/5ICAC2023/Submission/Index> to view the reviews given during the double-blind review process.

When preparing the camera-ready version of your paper, please address all the review comments and follow the camera-ready guidelines given in the <https://icac.lk/for-authors>

Please note that the camera-ready deadline is 1st of November 2023.

Camera-ready Submission Guidelines for Authors:  
(also available at <https://icac.lk/for-authors>)

1. Check the review comments in the CMT. The authors are expected to address all reviewer comments and revise the paper accordingly. (NOTE: You are not allowed to make significant structural changes to the accepted article.)
2. The paper must comply with IEEE format in order to be published in IEEE Xplore.
3. The title, author names, and affiliations must be in the correct format.  
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4. The abstract should be limited to 150-200 words.
5. All references and citations must be in IEEE referencing style.  
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6. Paper should be proofread and must be free of any spelling and grammar mistakes.
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**The Future of Ayurveda: Harnessing the Power of Artificial Intelligence for Personalized Treatment and Diagnosis** UNDER REVIEW

Maduwantha K.A.I, De Silva A.S., Jayasinghe J.A.S.C., Senarathne S.M.A.D., Dharshana Kasthurirathna, Samantha Rajapaksha, Janaki Wickramaarachchi

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