

Status Document 01 - 2020-021

1. Project View

Category	Number of tasks (as at 13/07/2020)
Todo	1
In progress	2
Completed	10

The screenshot displays a project management interface for a team named 'AN'. The main view is a Kanban board titled '2020_021_A Network Science Bas...'. The board is organized into three columns: 'To do', 'In progress', and 'Completed'. Each column has a '+ Add task' button at the top. The 'To do' column contains one task: 'Integrate with rest of the components and actual generated datasets', assigned to 'De Silva N. it17006880' with a due date of '08/31'. The 'In progress' column contains two tasks: 'Implmentation of load-based link prediction feature' (due '07/15') and 'Implementation of finalized coding solution' (due '08/31'), both assigned to 'De Silva N. it17006880'. The 'Completed' column contains five tasks, all assigned to 'De Silva N. it17006880': 'Optimization of developed prediction models for best model selection' (completed '06/21'), 'Select most suitable prediction model' (completed '06/30'), 'Implement centrality evaluation feature' (completed '05/14'), and 'Evaluate use of ARIMA model for metric based time series prediction'. The interface includes a left sidebar with navigation options like 'General', 'Documentation', 'Planner', and 'Source Control'. The top of the board shows tabs for different planners: 'Planner', 'Planner Gihan', 'Planner Nishitha', 'Planner Sanjaya', and 'Planner Lakshitha'.

< All teams

AN

2020_021_A Network Science Bas... ⋮

General

Documentation

Planner

Source Control

Planner

Posts

Files

Planner Gihan

Planner Nishitha

Planner Sanjaya

Planner Lakshitha

+

Board

Charts

Schedule

Filter (0) Group by Bucket

To do

+ Add task

○ Integrate with rest of the components and actual generated datasets

! 08/31

DS De Silva N. it17006880

In progress

+ Add task

○ Implimentation of load-based link prediction feature

! 07/15

DS De Silva N. it17006880

○ Implementation of finalized coding solution

! 08/31

DS De Silva N. it17006880

Completed

+ Add task

✓ Evaluate use of ARIMA model for metric-based time series prediction

03/08

DS Completed by De Silva N. it1700...

✓ Evaluate use of Holt-Winters model for metric-based time series prediction

03/15

DS Completed by De Silva N. it1700...

✓ Evaluate use of LSTM model for metric-based time series prediction (univariate)

04/14

DS Completed by De Silva N. it1700...

✓ Evaluate the possibility of using ES-RNN Time series prediction model

05/18

< All teams

AN

2020_021_A Network Science Bas... ⋮

General

Documentation

Planner

Source Control

Planner

Posts

Files

Planner Gihan

Planner Nishitha

Planner Sanjaya

Planner Lakshitha

+

Board

Charts

Schedule

Filter (0) Group by Bucket

To do

+ Add task

○ Integrate with rest of the components and actual generated datasets

! 08/31

DS De Silva N. it17006880

In progress

+ Add task

○ Implimentation of load-based link prediction feature

! 07/15

DS De Silva N. it17006880

○ Implementation of finalized coding solution

! 08/31

DS De Silva N. it17006880

Completed

+ Add task

✓ Evaluate the possibility of using ES-RNN Time series prediction model

05/18

DS Completed by De Silva N. it1700...

✓ Evaluate possibility of suitable auto-ml model for metric-based time series prediction

03/31

DS Completed by De Silva N. it1700...

✓ Evaluate possibility of XG-boost linear-regression model for metric-based time series prediction

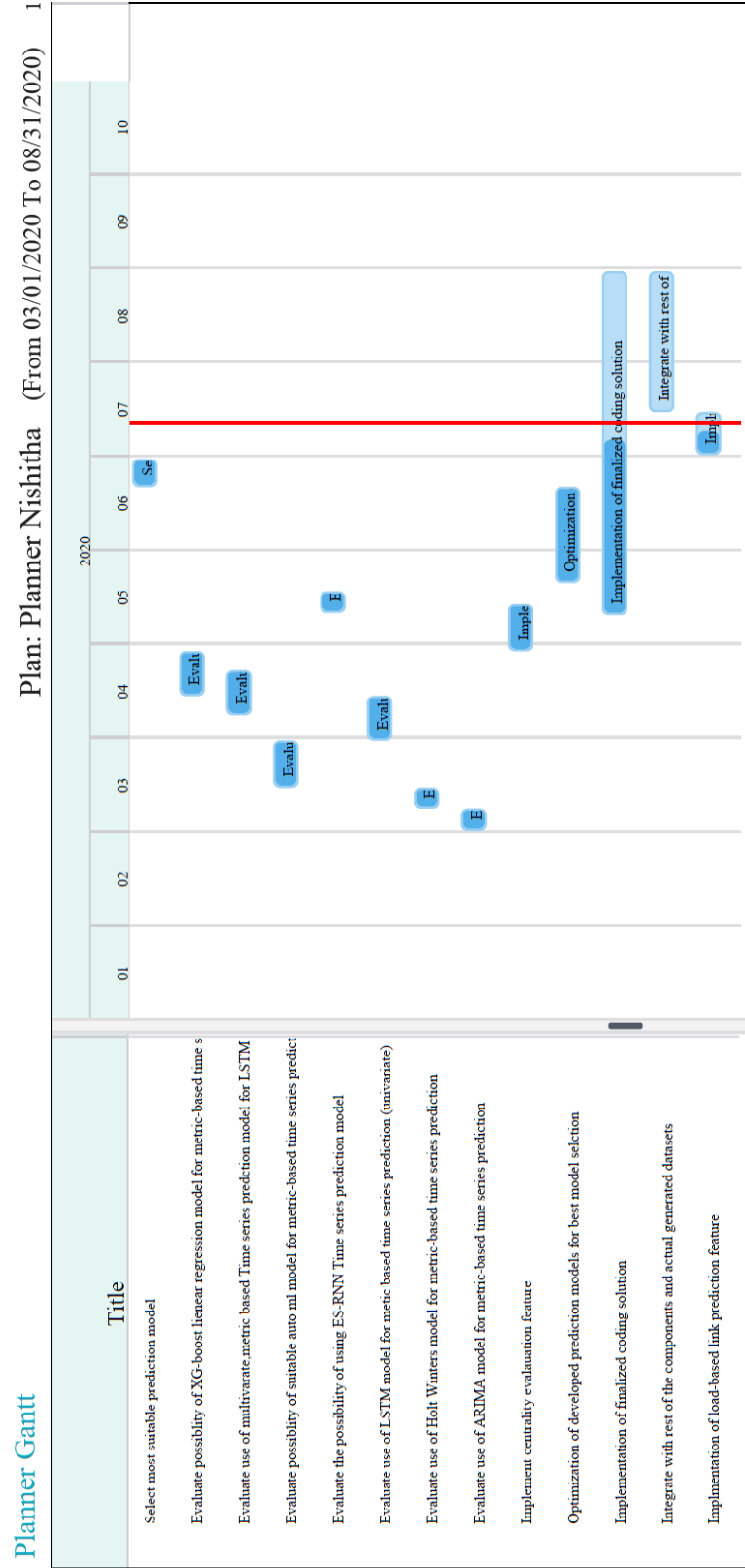
04/28

DS Completed by De Silva N. it1700...

✓ Evaluate use of multivariate, metric based Time series prediction model for LSTM

04/22

2. Gantt Chart



3. Team Chat Records

< All teams

AN

2020_021_A Network Science Bas... ⋮

General

Documentation

Planner

Source Control

General Posts Files +

De Silva N. it17006880 has made Saranga S.A.G. it17016230 a team owner. March 23, 2020

Saranga S.A.G. it17016230 has added Dharshana Kasthurirathna to the team.

Saranga S.A.G. it17016230 has created channel Planner. [Hide channel](#)

Saranga S.A.G. it17016230 has created channel Source Control. [Hide channel](#)

Saranga S.A.G. it17016230 has added Incoming Webhook to the team.

Saranga S.A.G. it17016230 3/23 8:37 PM

Integrated team with GitLab

← Reply

April 2, 2020

DI

De Silva N. it17006880 4/2 10:19 PM

Dear Dharshana Kasthurirathna sir,

I have managed to develop LSTM models for the load prediction component for our research. Currently I have acquired a sample metric dataset (dataset given below) until actual metrics are available.

[See more](#)

← Reply

DI

De Silva N. it17006880 4/2 10:21 PM

01-update.csv ⋮

01-new.csv ⋮

LSTM_load_prediction_01.ipynb ⋮

LSTM_load_prediction_02.ipynb ⋮

Start a new conversation. Type @ to mention someone.

📎 📎 📎 📎 📎 📎 📎 📎

< All teams

AN

2020_021_A Network Science Bas... ⋮

General

Documentation

Planner

Source Control

General Posts Files +

Saranga S.A.G. it17016230 4/12 10:50 AM

Scheduled a meeting

Supervisor Meeting

Sunday, April 12, 2020 @ 11:30 AM

⋮

6 replies from you, Saranga S.A.G. it17016230, and Dharshana

← Reply

May 24, 2020

Saranga S.A.G. it17016230 has created channel Documentation. [Hide channel](#) May 31, 2020

DI

De Silva N. it17006880 5/31 12:17 PM

Hi all, added the initial template for progress presentation 01

Progress Presentation 01 - 2020-021.pptx

⋮

← Reply

June 21, 2020

De Silva N. it17006880 has made LS Jayasinghe it17012966 a team owner.

De Silva N. it17006880 has made Lakshitha M.V. it17410250 a team owner. June 23, 2020

DI

De Silva N. it17006880 6/23 7:56 PM

Added the research paper document with the updated template as given in the CDAP cloud drive. Previous document has been removed.

2020-021 Research Paper(update).docx

⋮

← Reply

Start a new conversation. Type @ to mention someone.

📎 📎 📎 📎 📎 📎 📎 📎

< All teams

AN

2020_021_A Network Science Bas... ⋮

General

Documentation

Planner

Source Control

AN

General

Posts

Files

+

Team

⋮

⌄


Reply

DI

De Silva N. it17006880

5/13 8:31 PM

Hi all, added the initial template for final research paper

 2020-021 - Research Paper.docx

⋮

2 replies from you

⌄

Reply


June 24, 2020

DI

De Silva N. it17006880


6/24 10:26 AM


Clarifications on writing the research paper and other issues.

 Supervisor Meeting

Wednesday, June 24, 2020 @ 8:00 PM


⋮

 Meeting ended: 8m 57s




⌄

Reply

 Saranga S.A.G. it17016230

6/24 8:09 PM

Scheduled a meeting

 Supervisor Meeting

Wednesday, June 24, 2020 @ 9:00 PM








⋮

6 replies from Saranga S.A.G. it17016230 and Dharshana

⌄

Reply

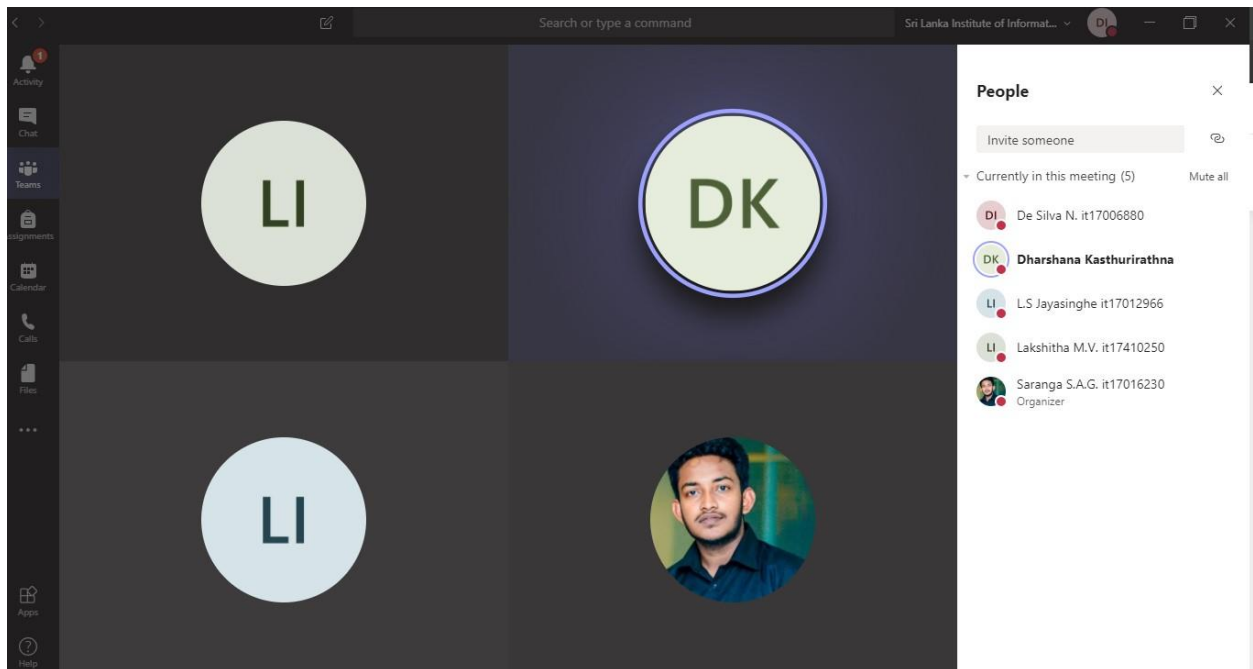
Start a new conversation. Type @ to mention someone.

       ⋮

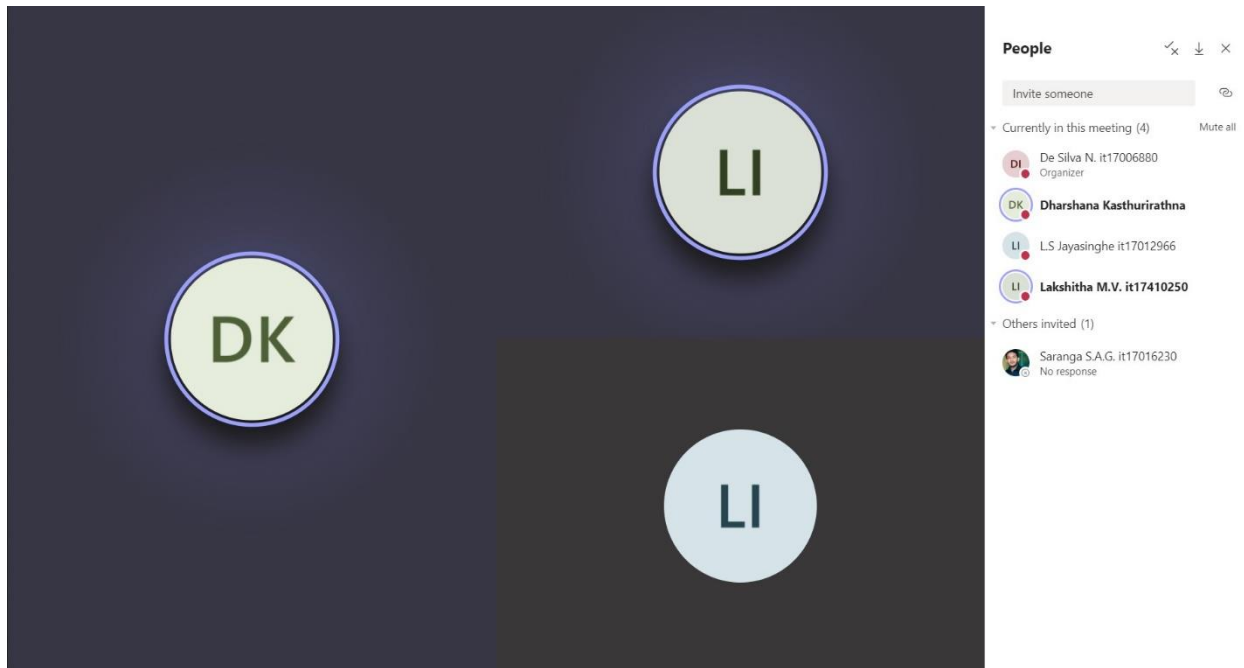
➤

4. Supervisor Meetings

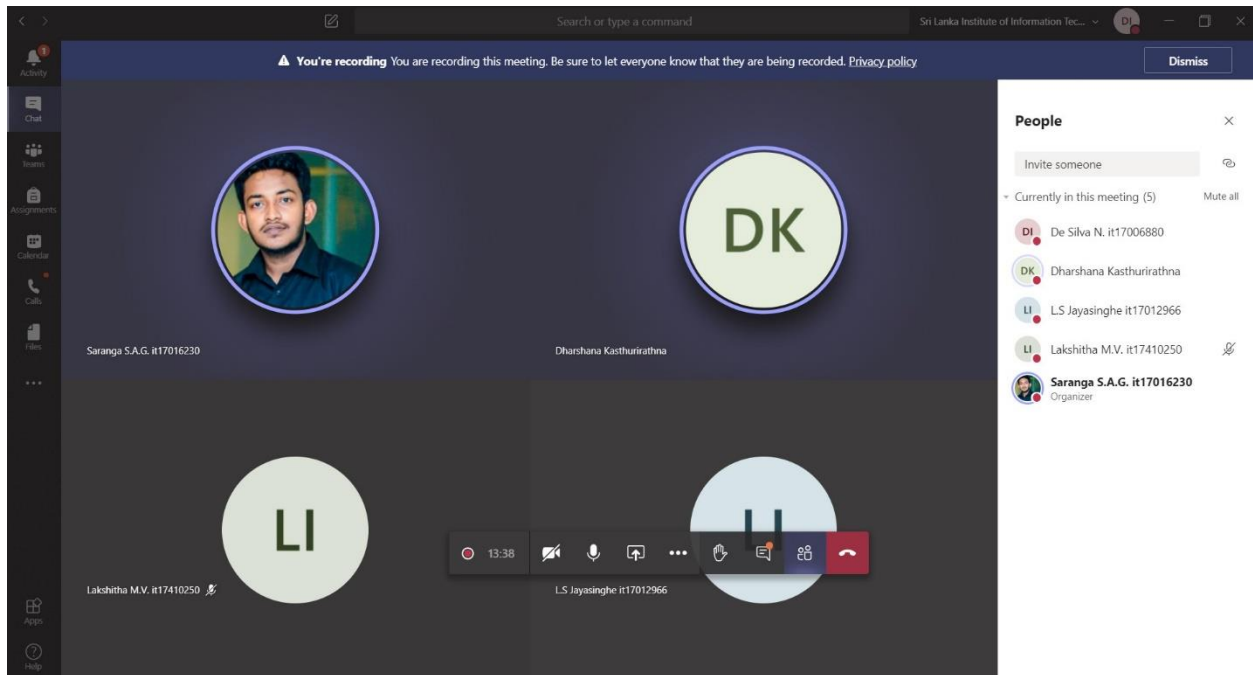
Meeting Number	Meeting Date (dd/mm/yyyy)
01	12/04/2020
02	16/05/2020
03	24/06/2020



Supervisor Meeting 01 – 12/04/2020



Supervisor Meeting 02 – 16/05/2020



Supervisor Meeting 03 – 16/05/2020

5. Additional Reporting Information

