

# **SCIENCE APP FOR O/L STUDENTS USING AUGMENTED REALITY**

Project Id: 2020-160

Status Document 1

IT17157988 – Liyanage P.M

B.Sc. (Hons) Degree in Information Technology Specialising in  
Software Engineering

Department of Software Engineering

Sri Lanka Institute of Information Technology

Sri Lanka

July 2020

## GROUP CHATS

DI

De Silva K.V.P.W. it17107624 3/22 11:35 AM

Added a new tab at the top of this channel. Here's a link.

Team Planner

← Reply

March 24, 2020

DI

De Silva K.V.P.W. it17107624 3/24 11:43 AM

Added a new tab at the top of this channel. Here's a link.

IT17107624\_De Silva K.V.P.W

← Reply


Meeting ended:

← Reply

DI

De Silva K.V.P.W. it17107624 3/24 7:04 PM

<https://apps4.pro/office365-planner-addin-gantt-chart.aspx>



Office 365 planner add-in for gantt

Office 365 planner add-in for gantt chart

apps4.pro

← Reply

DI

De Silva K.V.P.W. it17107624 3/24 7:05 PM

Creating gantt charts can be done using the above extension

← Reply

LI

Liyanage P.M. it17157988 3/24 8:24 PM

Added a new tab at the top of this channel. Here's a link.

IT17157988\_Liyanage P.M

← Reply


March 26, 2020

UI

U.S.Hettihewa it17106252 3/26 8:34 PM


Added a new tab at the top of this channel. Here's a link.

IT17106252\_U.S.Hettihewa



**Naranpanawa N.M.W.K.P.C. it17098588** 3/26 9:09 PM  
Individual WBS is created


← Reply




**Naranpanawa N.M.W.K.P.C. it17098588** 3/26 9:10 PM  
Modifications will be done accordingly

← Reply

April 7, 2020




**Naranpanawa N.M.W.K.P.C. it17098588** 4/7 11:56 AM  
<https://sketchfab.com/3d-models/digestive-system-9d2496ea02214506840006a1a92b321a>




**Digestive System - Download Free 3D model by testdynaweb (@testdynaweb) [9d2496e]**  
Digestive System - Download Free 3D model by testdynaweb (@testdynaweb) [9d2496e]  
[sketchfab.com](https://sketchfab.com)

← Reply




**Naranpanawa N.M.W.K.P.C. it17098588** 4/7 11:57 AM  
<https://sketchfab.com/3d-models/digestive-system-2db2c9090e1d4e1891826958398d324f>




**Digestive-system - Download Free 3D model by Genesis1 (@Genesis1) [2db2c90]**  
Digestive-system - Download Free 3D model by Genesis1 (@Genesis1) [2db2c90]  
[sketchfab.com](https://sketchfab.com)

← Reply



**Naranpanawa N.M.W.K.P.C. it17098588** 4/7 11:58 AM  
Liyanage P.M. it17157988 Go to the above links, you can find the 3D model demonstrations.


← Reply



**Liyanage P.M. it17157988** 4/7 12:00 PM  
Thank You So Much Naranpanawa N.M.W.K.P.C. it17098588

← Reply


❤️ 1



**Naranpanawa N.M.W.K.P.C. it17098588** 4/7 12:42 PM  
<https://stackoverflow.com/questions/24564470/unity3d-and-android-studio-integration>


← Reply

👍 1





**Naranpanawa N.M.W.K.P.C. it17098588** 4/7 1:13 PM
 👍 1

[https://www.youtube.com/results?search\\_query=ar+foundation+and+unity+01](https://www.youtube.com/results?search_query=ar+foundation+and+unity+01)




**ar foundation and unity 01 - YouTube**  
 Enjoy the videos and music you love, upload original content, and share it all with friends, family, and the world on YouTube.  
[www.youtube.com](https://www.youtube.com)


 Reply



**De Silva K.V.P.W. it17107624** 4/7 1:21 PM
 👍 2


<https://www.youtube.com/watch?v=0bxa5fTmqzo>


 Reply



**De Silva K.V.P.W. it17107624** 4/7 1:23 PM
 👍 2


[https://www.youtube.com/watch?v=0aE\\_WjB2urM&t=867s](https://www.youtube.com/watch?v=0aE_WjB2urM&t=867s)


 Reply



**De Silva K.V.P.W. it17107624** 4/7 1:25 PM
 ❤️ 2


<https://www.youtube.com/watch?v=bOSrW403tmE&t=322s>

 Reply




**De Silva K.V.P.W. it17107624** 4/7 1:34 PM
 👍 1

<https://www.youtube.com/watch?v=mwQ-SV5aHmk>


 Reply


April 8, 2020



**Liyanage P.M. it17157988** 4/8 8:41 AM
 ❤️ 1


<https://www.youtube.com/watch?v=veTINvi45B8> This is the Video about How to Download and Install Unity Hub and Unity 2019

 Reply





**Liyanage P.M. it17157988** 4/8 8:45 AM
 ❤️ 1

<https://library.vuforia.com/articles/Training/getting-started-with-vuforia-in-unity.html>




**Getting Started with Vuforia Engine in Unity**  
 As of 2017.2, Unity is integrated with the Vuforia Engine, making it even easier to create cutting edge augmented reality experiences for both handheld and headworn devices.  
[library.vuforia.com](https://library.vuforia.com)

 Reply



**U.S.Hettihewa it17106252** 4/8 11:42 AM
 ❤️ 1


Liyanage P.M. it17157988 thank you

 Reply

UI

U.S.Hettihewa it17106252 4/8 11:45 AM

<https://docs.unity3d.com/2018.2/Documentation/Manual/android-sdksetup.html>

unity

docs.unity3d.com

Unity - Manual: Android environment setup

1

← Reply


UI

U.S.Hettihewa it17106252 4/8 11:47 AM

refer above document to set up android environment in Unity


← Reply

April 9, 2020

Naranpanawa N.M.W.K.P.C. it17098588 4/9 3:25 PM


Thank you Upeka 🙌😊

← Reply

Naranpanawa N.M.W.K.P.C. it17098588 4/9 3:42 PM


[https://www.youtube.com/watch?v=zpiFZtPxo2w&list=PLb1h4A0yB97\\_TeFuf9TAEah3b-VyIYzF9](https://www.youtube.com/watch?v=zpiFZtPxo2w&list=PLb1h4A0yB97_TeFuf9TAEah3b-VyIYzF9)

← Reply

Naranpanawa N.M.W.K.P.C. it17098588 4/9 3:42 PM


Check out this video series 😊

← Reply

Naranpanawa N.M.W.K.P.C. it17098588 4/9 3:43 PM


Might be of lot of help

← Reply

Naranpanawa N.M.W.K.P.C. it17098588 4/9 3:44 PM

[https://www.youtube.com/watch?v=2Vu\\_IIEYgkyQ&list=PL\\_Nji0JOuXg0U-HQ8g0OgEjlxL5RO1R2](https://www.youtube.com/watch?v=2Vu_IIEYgkyQ&list=PL_Nji0JOuXg0U-HQ8g0OgEjlxL5RO1R2)


← Reply

Naranpanawa N.M.W.K.P.C. it17098588 4/9 3:45 PM

[https://www.youtube.com/watch?v=q3LmB8Os1wE&list=PLazvcyckcBwgRrda7vV--l0y44wqucol\\_](https://www.youtube.com/watch?v=q3LmB8Os1wE&list=PLazvcyckcBwgRrda7vV--l0y44wqucol_)

1


← Reply

Naranpanawa N.M.W.K.P.C. it17098588 4/9 3:46 PM

Try these ones too...


← Reply






**Naranpanawa N.M.W.K.P.C. it17098588** 5/15 11:02 AM

Check this out 😊


 Reply


May 16, 2020





**Liyanage P.M. it17157988** 5/16 9:35 AM


How To Rotate 3D Gameobject With Finger Swipe In Android Game Made With Unity Software <https://www.youtube.com/watch?v=7Ja67KpKLXw>


 Reply



**Naranpanawa N.M.W.K.P.C. it17098588** 5/16 10:29 AM






 Reply



**De Silva K.V.P.W. it17107624** 5/16 10:32 AM


<https://www.youtube.com/watch?v=7KR5IKi8m8g&t=4s>


 Reply



**De Silva K.V.P.W. it17107624** 5/16 10:32 AM


Button click in unity


 Reply



**De Silva K.V.P.W. it17107624** 5/16 10:35 AM


Displaying a video on an image target [https://www.youtube.com/watch?v=tVYxT\\_AxBck](https://www.youtube.com/watch?v=tVYxT_AxBck)


 Reply



**Liyanage P.M. it17157988** 5/16 1:45 PM


Refer this Video tutorial to create a Quiz like a Game


 Reply




**Liyanage P.M. it17157988** 5/16 1:45 PM


<https://www.youtube.com/watch?v=HWCfJP6C4bk>

 Reply




**Naranpanawa N.M.W.K.P.C. it17098588** 5/15 11:01 AM  1


<https://play.google.com/store/search?q=ar%20science%20app&c=apps&hl=en>





**ar science app - Android Apps on Google Play**  
Enjoy millions of the latest Android apps, games, music, movies, TV, books, magazines & more. Anytime, anywhere, across your devices.  
[play.google.com](https://play.google.com)


2 replies from Uthpala and Naranpanawa N.M.W.K.P.C. it17098588


 Reply



**Naranpanawa N.M.W.K.P.C. it17098588** 5/17 8:05 PM  2 


Thank You **De Silva K.V.P.W. it17107624** Liyanage P.M. it17157988


 Reply




**U.S.Hettihewa it17106252** 7/1 12:45 PM


<https://www.youtube.com/watch?v=jREVhKXA0H8>


 Reply




**U.S.Hettihewa it17106252** 7/1 12:46 PM  1

Refer this link to play audio on image target





**it17107624** 7/1 12:58 PM  1

Thankuu U.S.Hettihewa it17106252


 Reply


July 2, 2020




**Liyanage P.M. it17157988** 7/2 12:56 PM  1


Thank You U.S.Hettihewa it17106252

 Reply



**Liyanage P.M. it17157988** 7/2 8:39 PM  1

<https://www.youtube.com/watch?v=BRSnNUG730>

 Reply



LI

Liyanage P.M. it17157988

7/2 8:40 PM

refer this link for Show Description and Play Sound Each Target

1

UI

U.S.Hettihewa it17106252

7/2 8:40 PM



Thank u Liyanage P.M. it17157988

1

Reply

Naranpanawa N.M.W.K.P.C. it17098588

7/2 10:55 PM



Reply

July 3, 2020

UI

U.S.Hettihewa it17106252

7/3 10:30 AM

<https://www.youtube.com/watch?v=KC0i5U1-1cc>

2

Reply

UI

U.S.Hettihewa it17106252

7/3 10:30 AM

<https://www.youtube.com/watch?v=qP5PMK7IoBE&list=LLC4McUnbNhjzvaSaJrtrQbg>

2



Reply

UI

U.S.Hettihewa it17106252

7/3 12:01 PM

check out above videos to scale a 3D object on an image target

 2  1

Reply


July 7, 2020


DI



De Silva K.V.P.W. it17107624

7/7 2:40 PM

This is the conclusion, future work and acknowledgment for our research paper

 con,ack,fw.docx



 2  1

Reply

DI

De Silva K.V.P.W. it17107624

7/7 2:40 PM

If any changes are needed please let me know

2

Reply

LI

Liyanage P.M. it17157988

7/7 9:13 PM

Refer above link to know How To Load Previous Scene Or Quit The Game With Android Devices Back Button In Unity Game?

2

Reply

LI

Liyanage P.M. it17157988

7/9 11:16 AM

<https://youtu.be/yHrpx4PoBzU>

1

↩ Reply

LI

Liyanage P.M. it17157988

7/7 9:12 PM

<https://www.youtube.com/watch?v=rsOvryAtzHY>

2

▼ Collapse all


UI

U.S.Hettihewa it17106252

7/8 7:37 PM

thank you [Liyanage P.M. it17157988](#)

1



Naranpanawa N.M.W.K.P.C. it17098588

7/9 2:50 PM

Thank you ❤️

1

↩ Reply


LI

Liyanage P.M. it17157988

7/9 11:17 AM

checkout above link to create a quiz with timer In flutter

2



Naranpanawa N.M.W.K.P.C. it17098588

7/9 2:50 PM

Sure, thank you ❤️

1

↩ Reply


## ONLINE MEETINGS

Meeting ended: 1h 25m


LI UI DI

← Reply


April 11, 2020



**Uthpala Samarakoon** 4/10 4:26 PM  
Scheduled a meeting



**CDAP Group Meeting**  
Saturday, April 11, 2020 @ 10:30 PM



**CDAP Group Meeting ended: 33m 19s**

LI DI UI

← Reply

May 13, 2020



**De Silva K.V.P.W. it17107624** 5/13 9:24 PM  
Scheduled a meeting



**CDAP Team Meeting**  
Friday, May 15, 2020 @ 9:00 AM

5 replies from you and Uthpala

← Reply

1

CDAP Team Meeting ended: 1h 37m

DI LI UI

← Reply

May 18, 2020

Research Paper Discussion ended: 31m 58s

DI LI UI

← Reply

Research Paper Discussion ended: 1h

DI UI LI

← Reply

June 30, 2020

**U.S.Hettihewa it17106252** 6/29 10:46 AM  
Scheduled a meeting



**CDAP Team discussion**  
Tuesday, June 30, 2020 @ 11:30 AM



2 replies from U.S.Hettihewa it17106252

↩ Reply

Monday

UI

**U.S.Hettihewa it17106252** 7/10 9:10 AM  
Scheduled a meeting



**Research Discussion**  
Saturday, July 11, 2020 @ 9:00 AM



Meeting ended: 1h 22m



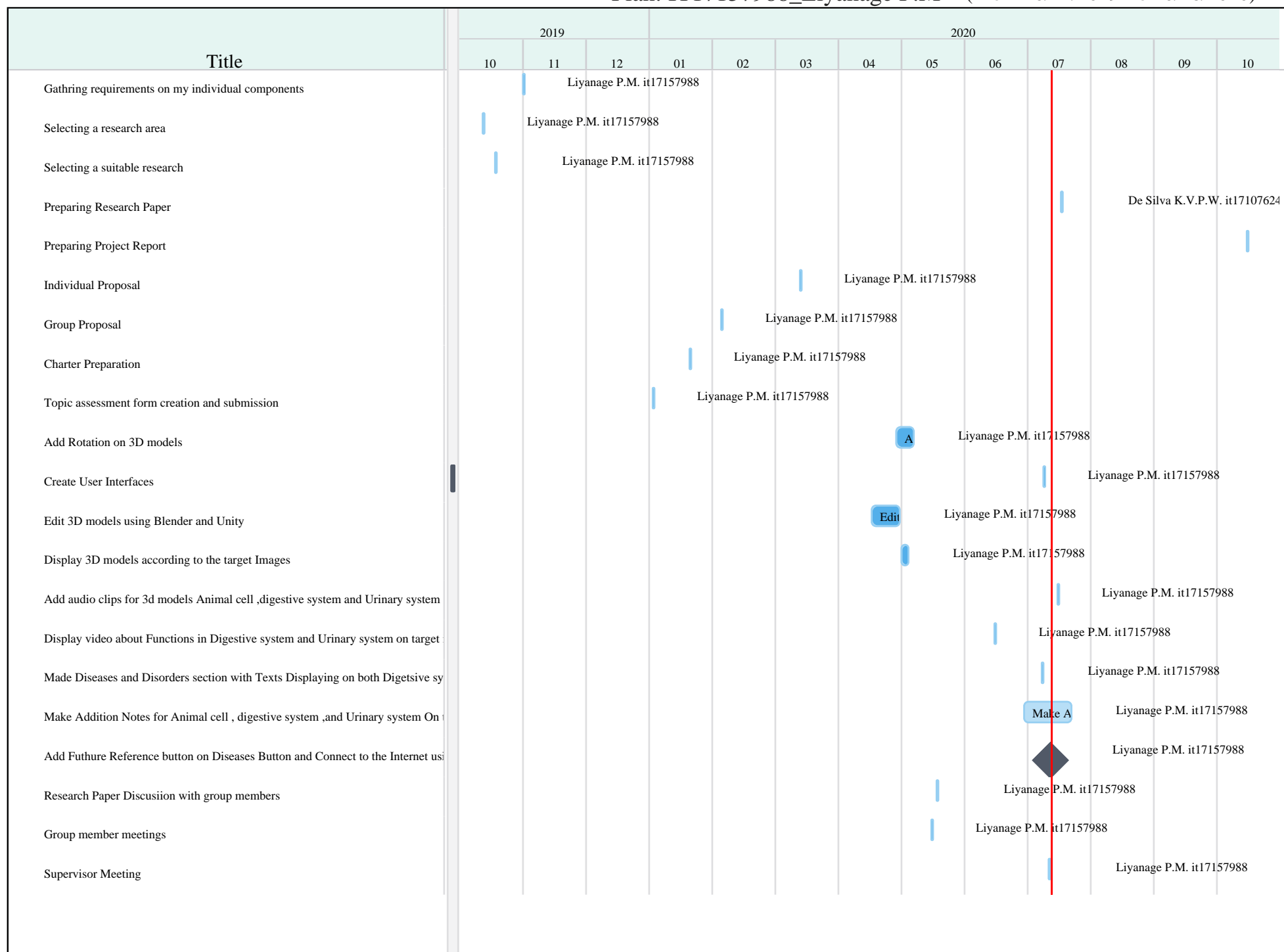
DI

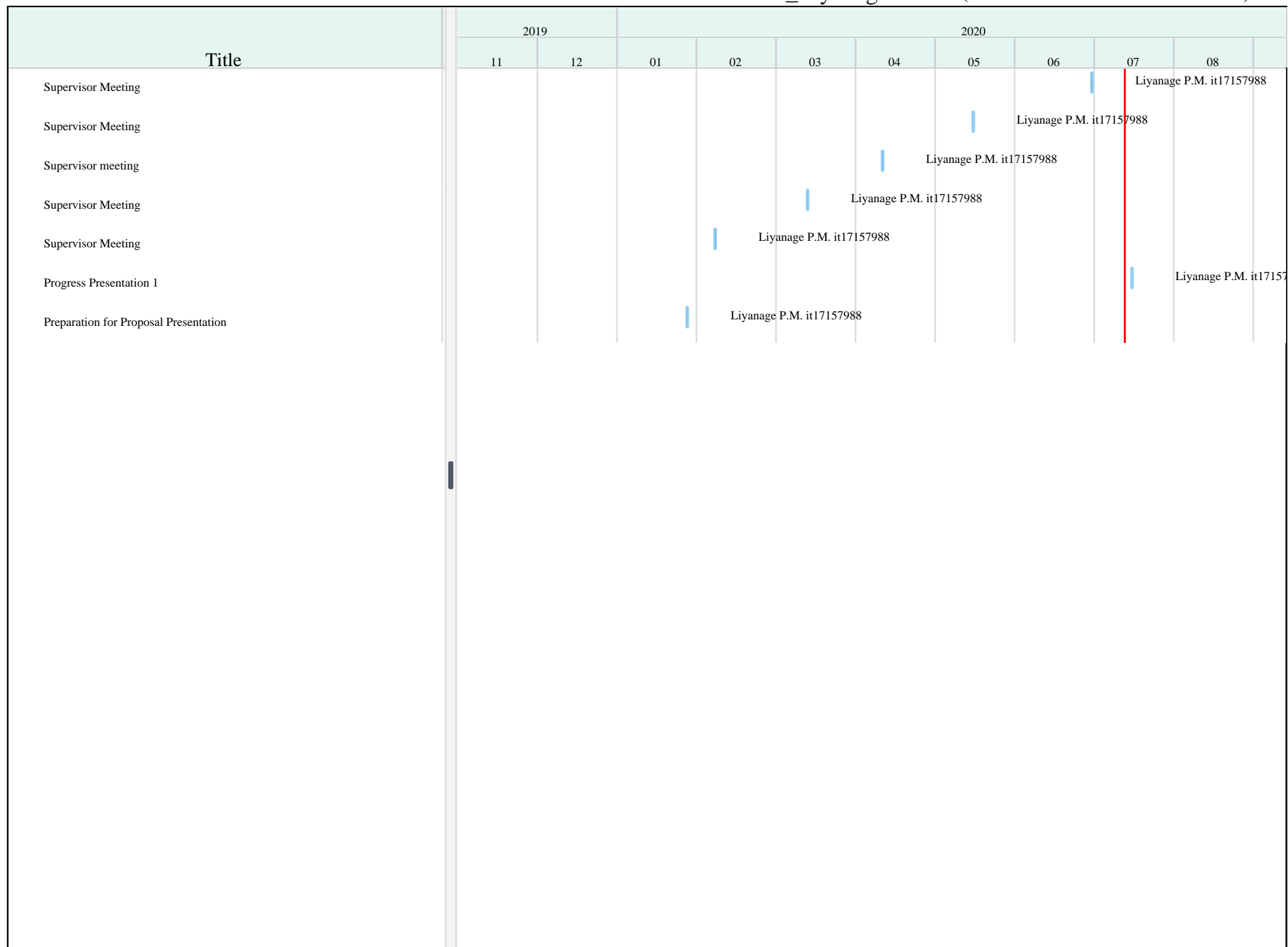
UI

LI



↩ Reply





# Unscheduled Tasks

Title	Bucket
Testing 3d model on animal cell , digestive system ad urinary system with audios	Testing
Testing AR video dimonstration on Functions of Digestive System and Urinary System	Testing
Testing 3D models of Animal Cell, Digestive System and Urinary System	Testing
Final Viva	Presentation and Viva
Progress Presentation 2	Presentation and Viva