SCIENCE APP FOR O/L STUDENTS USING AUGMENTED REALITY

Project Id: 2020-160

Status Document 1

U.S Hettihewa – IT17106252

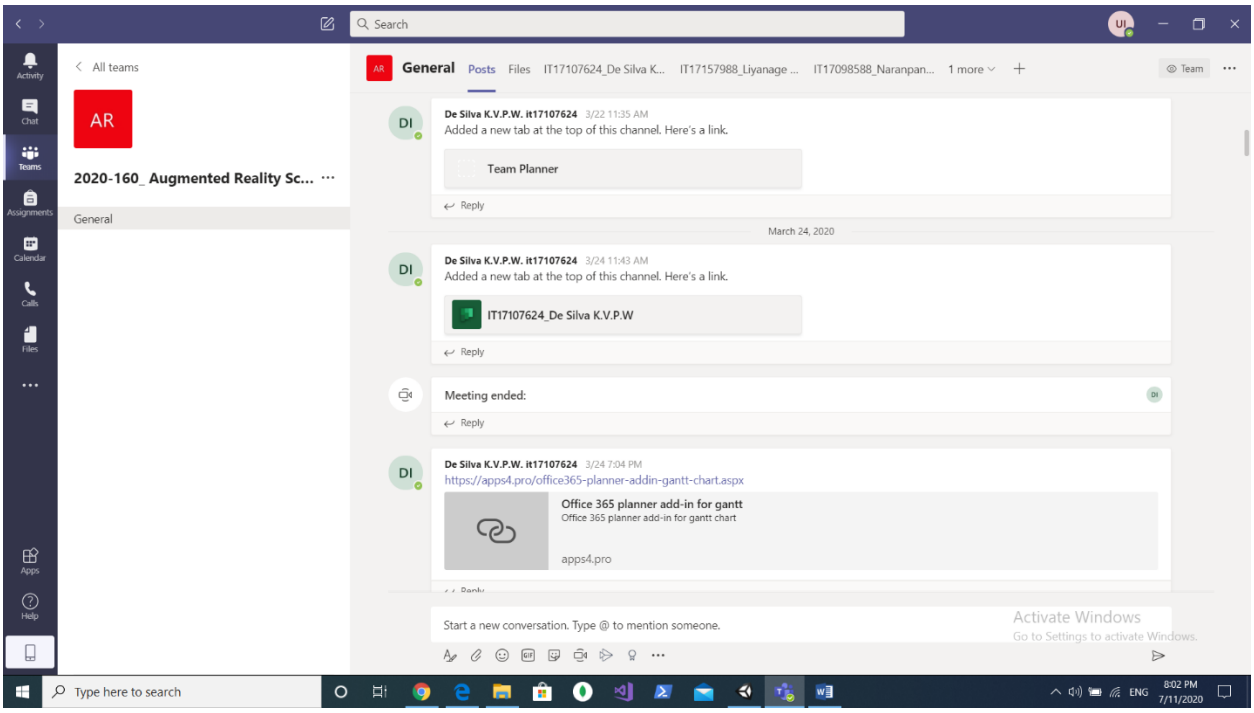
B.Sc. (Hons) Degree in Information Technology

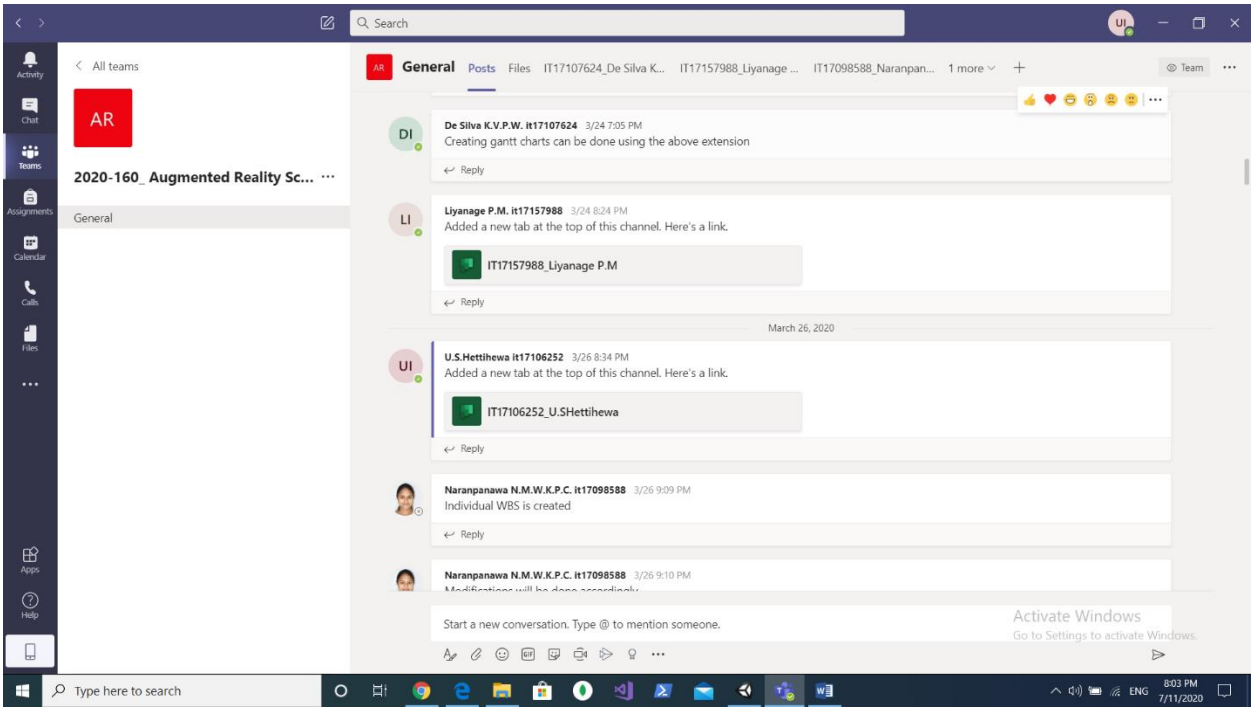
Department of Software Engineering

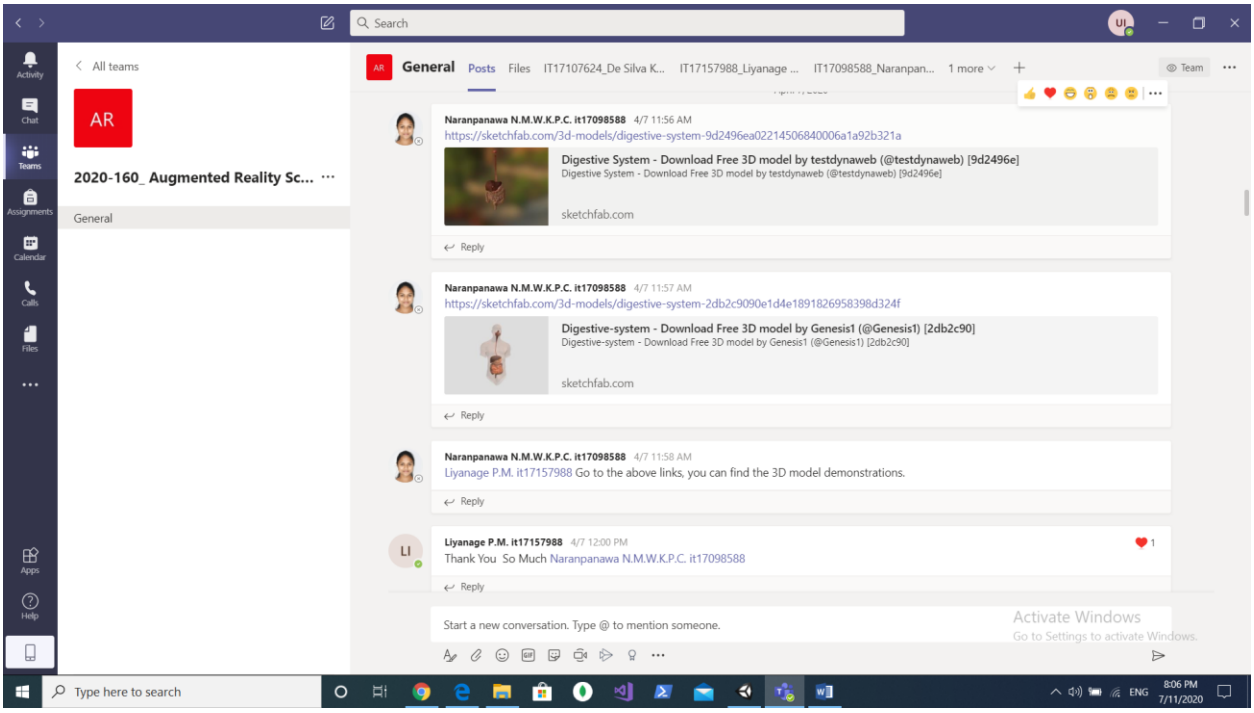
Sri Lanka Institute of Information Technology
Sri Lanka

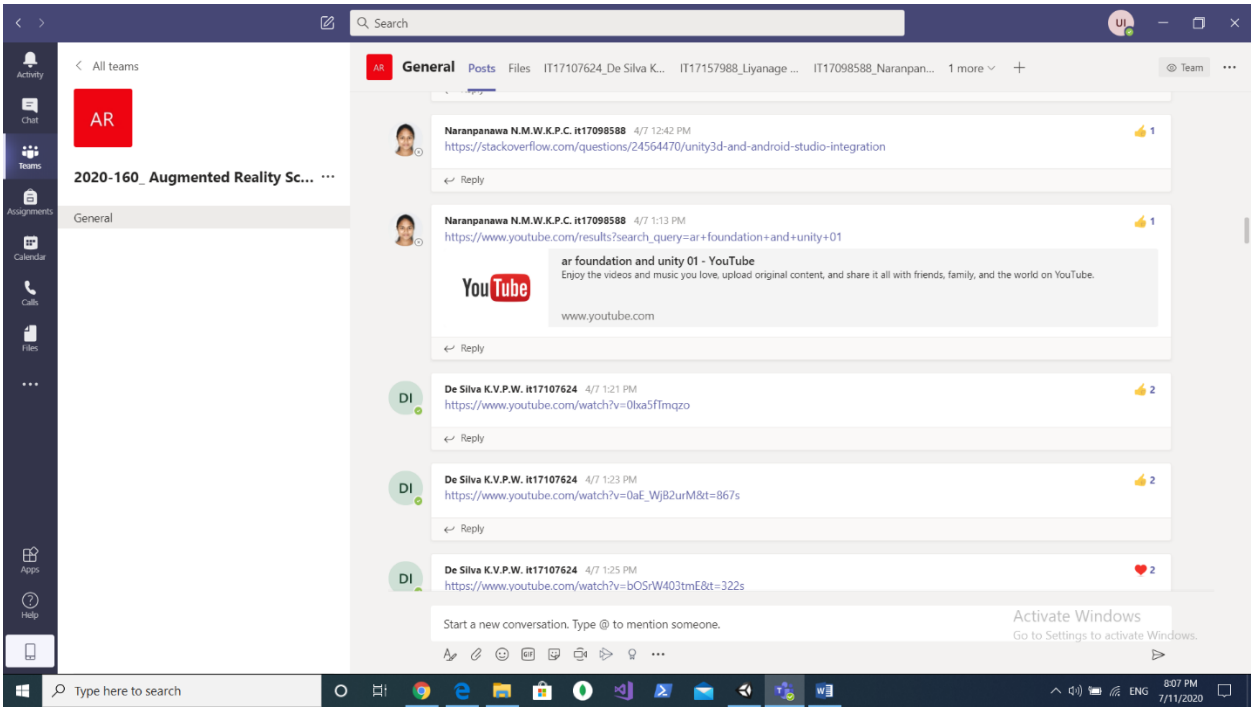
February 2020

MS Teams Chats






Search
All teams
AR
2020-160_ Augmented Reality Sc...
General
General
Posts
Files
IT17107624_De Silva K...
IT17157988_Liyanage ...
IT17098588_Naranpan...
1 more
Team
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
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
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
LI
Liyanage P.M. it17157988 4/7 12:00 PM
Thank You So Much Naranpanawa N.M.W.K.P.C. it17098588
Reply
Start a new conversation. Type @ to mention someone.
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
8:06 PM
7/11/2020


Search
All teams
AR
2020-160_ Augmented Reality Sc...
General
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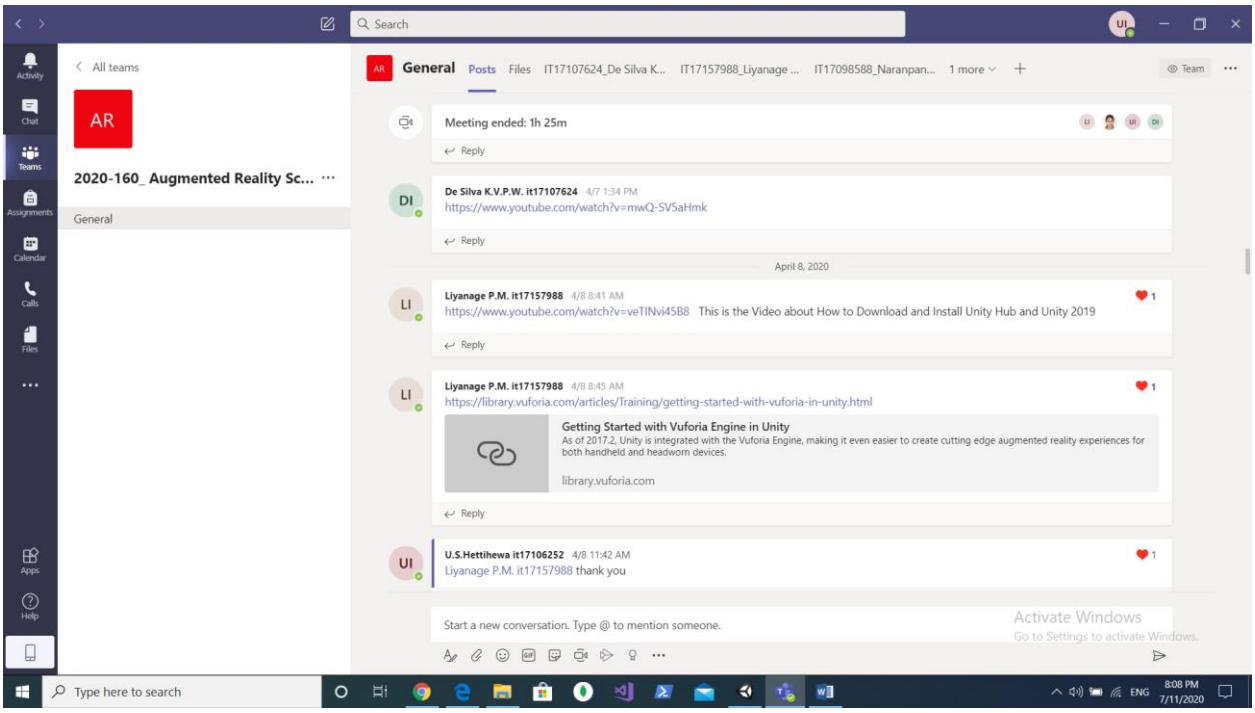
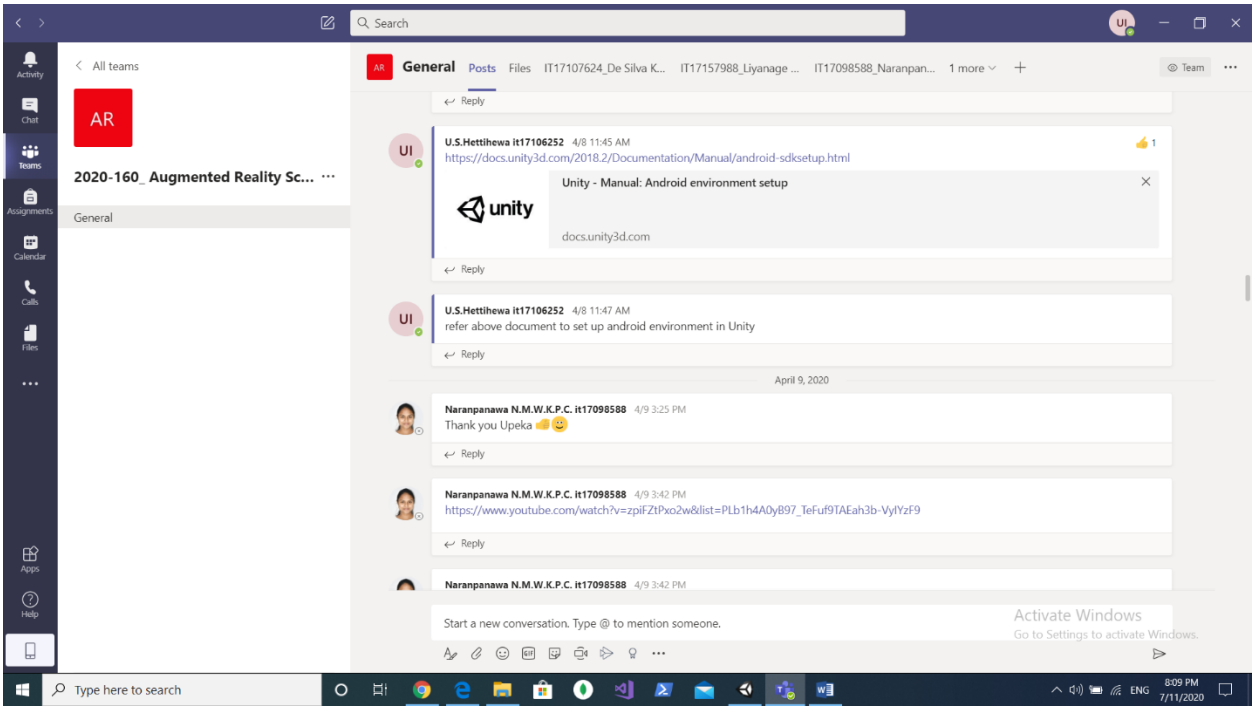
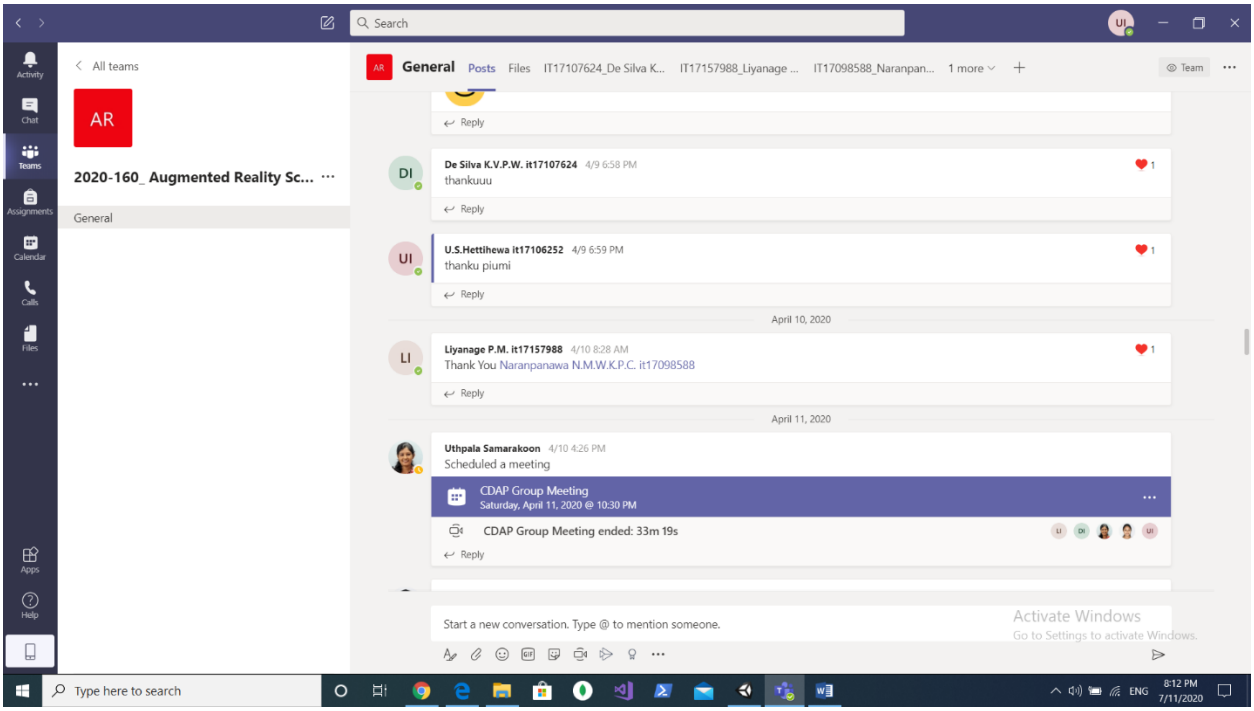
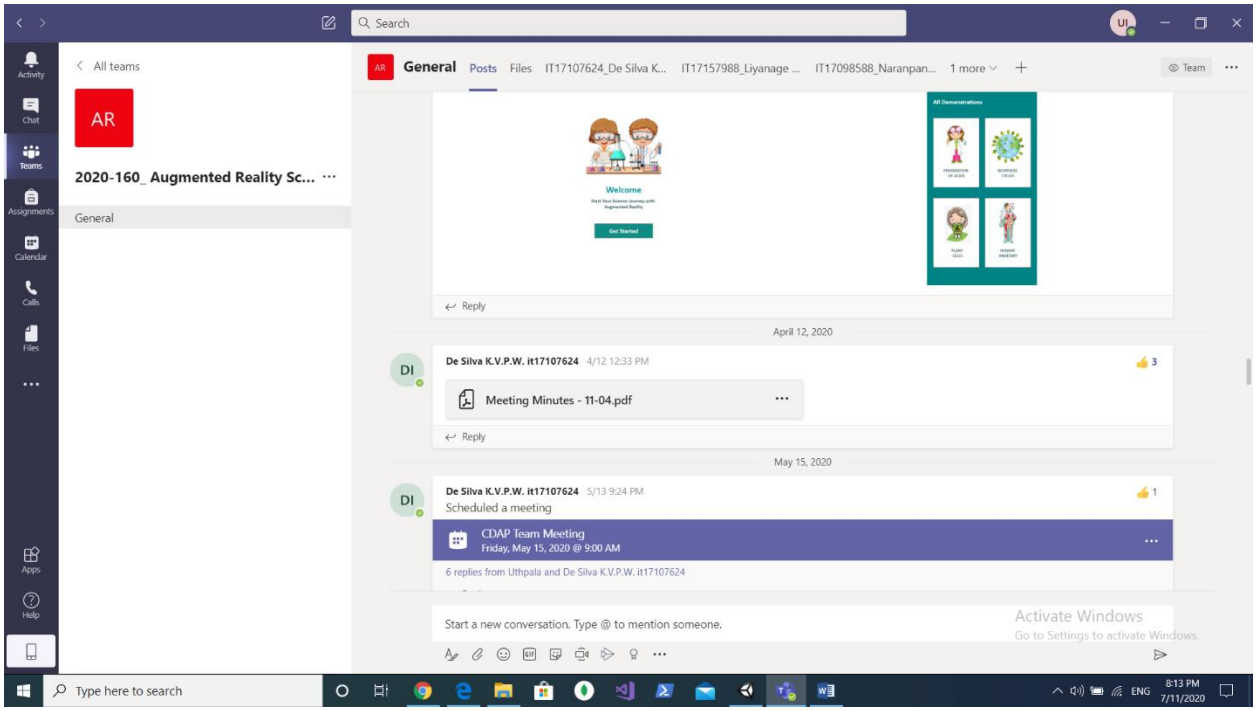
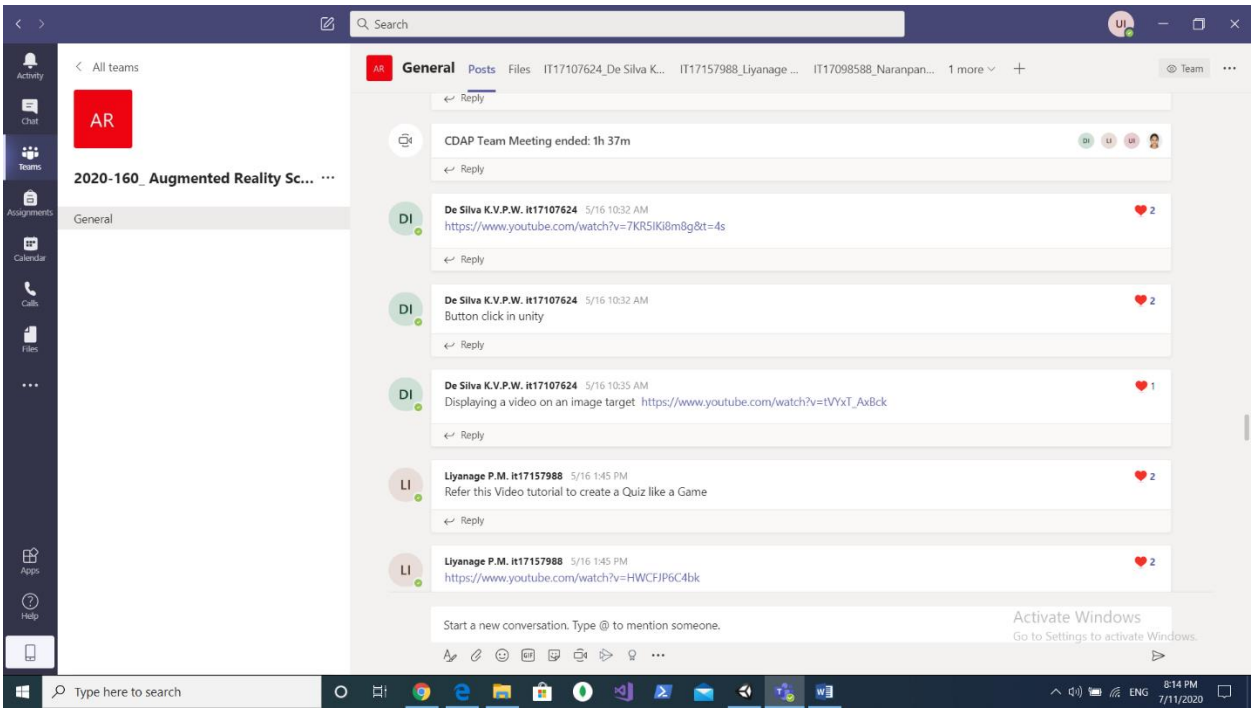
Posts
Files
IT17107624_De Silva K...
IT17157988_Liyanage ...
IT17098588_Naranpan...
1 more
Team
Naranpanawa N.M.W.K.P.C. it17098588 4/7 12:42 PM
https://stackoverflow.com/questions/24564470/unity3d-and-android-studio-integration
Reply
Naranpanawa N.M.W.K.P.C. it17098588 4/7 1:13 PM
https://www.youtube.com/results?search_query=ar+foundation+and+unity+01
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
Reply
DI
De Silva K.V.P.W. it17107624 4/7 1:21 PM
https://www.youtube.com/watch?v=0lxa5fTmqzo
Reply
DI
De Silva K.V.P.W. it17107624 4/7 1:23 PM
https://www.youtube.com/watch?v=0aE_WjB2urM&t=867s
Reply
DI
De Silva K.V.P.W. it17107624 4/7 1:25 PM
https://www.youtube.com/watch?v=bOSrW403tmE&t=322s
Start a new conversation. Type @ to mention someone.
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
8:07 PM
7/11/2020

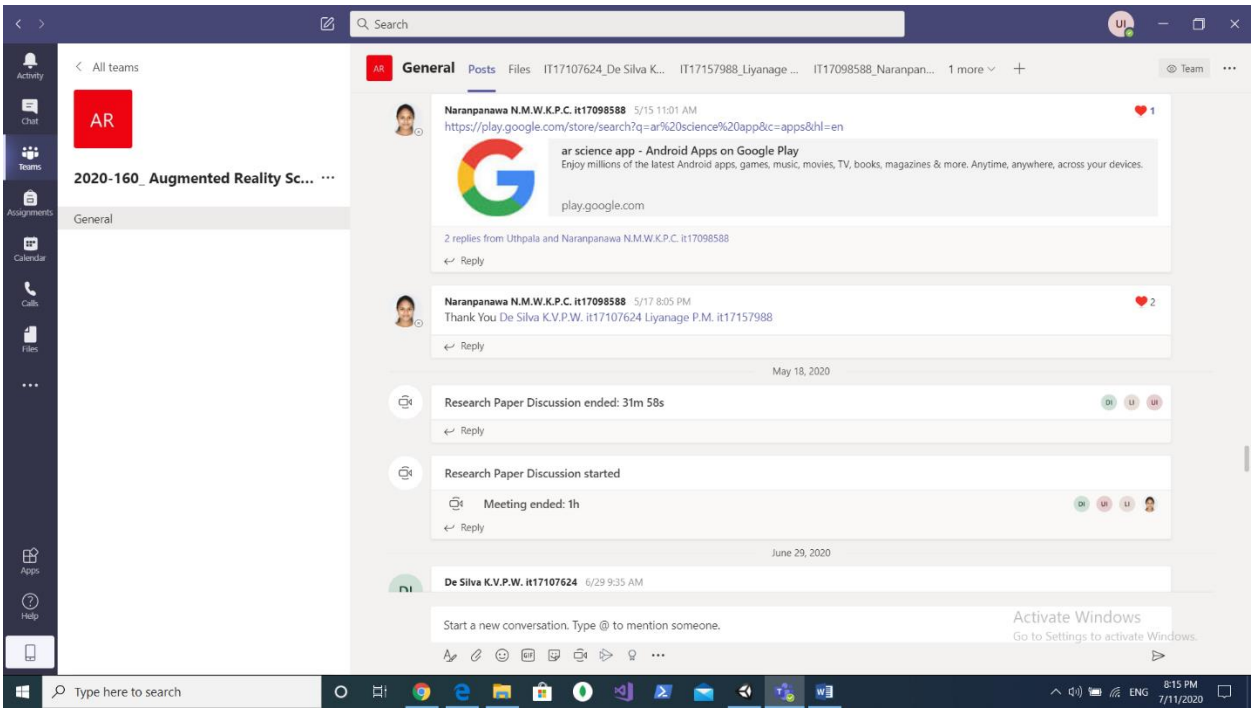

Search
All teams
AR
2020-160_ Augmented Reality Sc...
General
General Posts Files IT17107624_De Silva K... IT17157988_Liyanage ... IT17098588_Naranpan... 1 more
Team
Meeting ended: 1h 25m
Reply
De Silva K.V.P.W. it17107624 4/7 1:34 PM
https://www.youtube.com/watch?v=mwQ-SV5aHmk
April 8, 2020
Liyanage P.M. it17157988 4/8 8:41 AM
https://www.youtube.com/watch?v=veTINvi45B8 This is the Video about How to Download and Install Unity Hub and Unity 2019
Liyanage P.M. it17157988 4/8 8:45 AM
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
U.S.Hettihewa it17106252 4/8 11:42 AM
Liyanage P.M. it17157988 thank you
Start a new conversation. Type @ to mention someone.
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
8:08 PM
7/11/2020

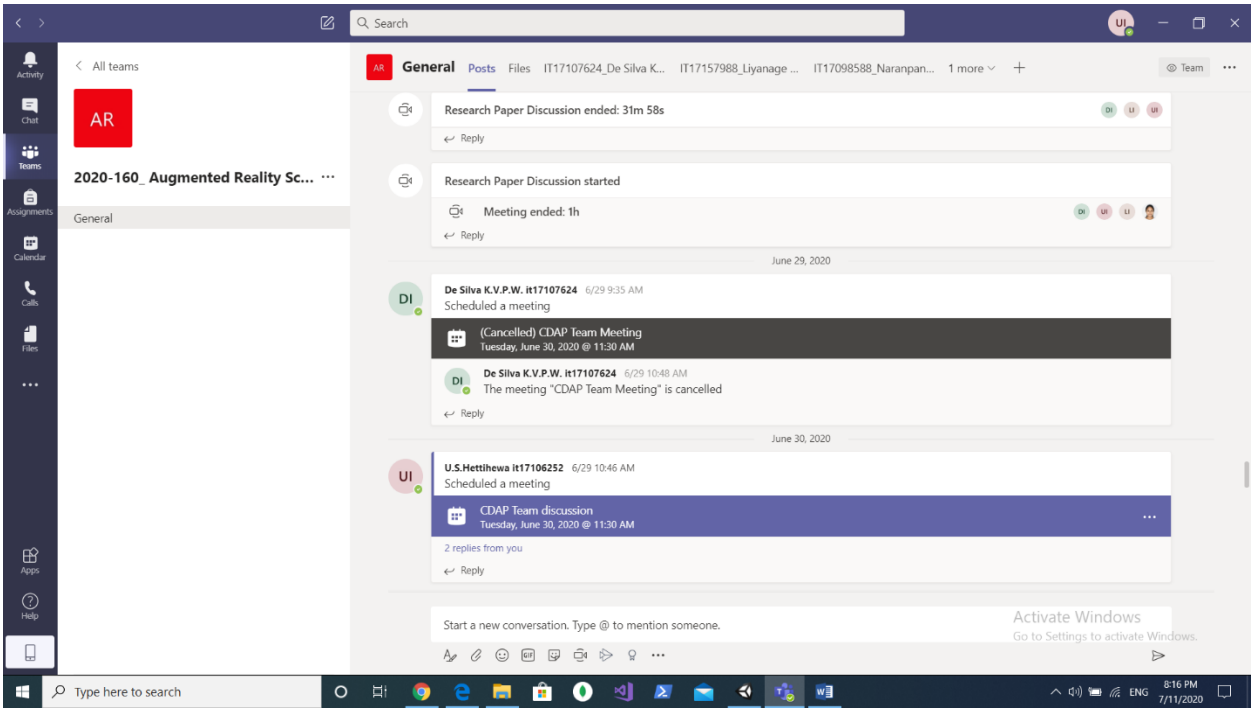

Search
All teams
AR
2020-160_ Augmented Reality Sc...
General
General Posts Files IT17107624_De Silva K... IT17157988_Liyanage ... IT17098588_Naranpan... 1 more
Team
Reply
U.S.Hettihewa it17106252 4/8 11:45 AM
https://docs.unity3d.com/2018.2/Documentation/Manual/android-sdksetup.html
Unity - Manual: Android environment setup
docs.unity3d.com
U.S.Hettihewa it17106252 4/8 11:47 AM
refer above document to set up android environment in Unity
April 9, 2020
Naranpanawa N.M.W.K.P.C. it17098588 4/9 3:25 PM
Thank you Upeka
Naranpanawa N.M.W.K.P.C. it17098588 4/9 3:42 PM
https://www.youtube.com/watch?v=zpiFZtPxo2w&list=PLb1h4A0yB97_TeFuf9TAEah3b-VyIYzF9
Naranpanawa N.M.W.K.P.C. it17098588 4/9 3:42 PM
Start a new conversation. Type @ to mention someone.
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
8:09 PM
7/11/2020


Search
All teams
AR
2020-160_ Augmented Reality Sc...
General
General Posts Files IT17107624_De Silva K... IT17157988_Liyanage ... IT17098588_Naranpan... 1 more
Team
Reply
De Silva K.V.P.W. it17107624 4/9 6:58 PM
thankuuu
U.S.Hettihewa it17106252 4/9 6:59 PM
thanku piumi
April 10, 2020
Liyanage P.M. it17157988 4/10 8:28 AM
Thank You Naranpanawa N.M.W.K.P.C. it17098588
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
Start a new conversation. Type @ to mention someone.
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
8:12 PM
7/11/2020


Search
All teams
AR
2020-160_ Augmented Reality Sc...
General
General Posts Files IT17107624_De Silva K... IT17157988_Liyanage ... IT17098588_Naranpan... 1 more
Team
Welcome
Get Started
Reply
April 12, 2020
De Silva K.V.P.W. it17107624 4/12 12:33 PM
Meeting Minutes - 11-04.pdf
May 15, 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
6 replies from Uthpala and De Silva K.V.P.W. it17107624
Start a new conversation. Type @ to mention someone.
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
8:13 PM
7/11/2020


Search
All teams
AR
2020-160_ Augmented Reality Sc...
General
General Posts Files IT17107624_De Silva K... IT17157988_Liyanage ... IT17098588_Naranpan... 1 more
Team
Reply
CDAP Team Meeting ended: 1h 37m
De Silva K.V.P.W. it17107624 5/16 10:32 AM
https://www.youtube.com/watch?v=7KR5IKi8m8g&t=4s
De Silva K.V.P.W. it17107624 5/16 10:32 AM
Button click in unity
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
Liyanage P.M. it17157988 5/16 1:45 PM
Refer this Video tutorial to create a Quiz like a Game
Liyanage P.M. it17157988 5/16 1:45 PM
https://www.youtube.com/watch?v=HWCFJP6C4bk
Start a new conversation. Type @ to mention someone.
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
8:14 PM
7/11/2020


Search
All teams
AR
2020-160_ Augmented Reality Sc...
General
General Posts Files IT17107624_De Silva K... IT17157988_Liyanage ... IT17098588_Naranpan... 1 more
Team
Naranpanawa N.M.W.K.P.C. it17098588 5/15 11:01 AM
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
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
Thank You De Silva K.V.P.W. it17107624 Liyanage P.M. it17157988
May 18, 2020
Research Paper Discussion ended: 31m 58s
Research Paper Discussion started
Meeting ended: 1h
June 29, 2020
De Silva K.V.P.W. it17107624 6/29 9:35 AM
Start a new conversation. Type @ to mention someone.
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
8:15 PM
7/11/2020


Search
All teams
AR
2020-160_ Augmented Reality Sc...
General
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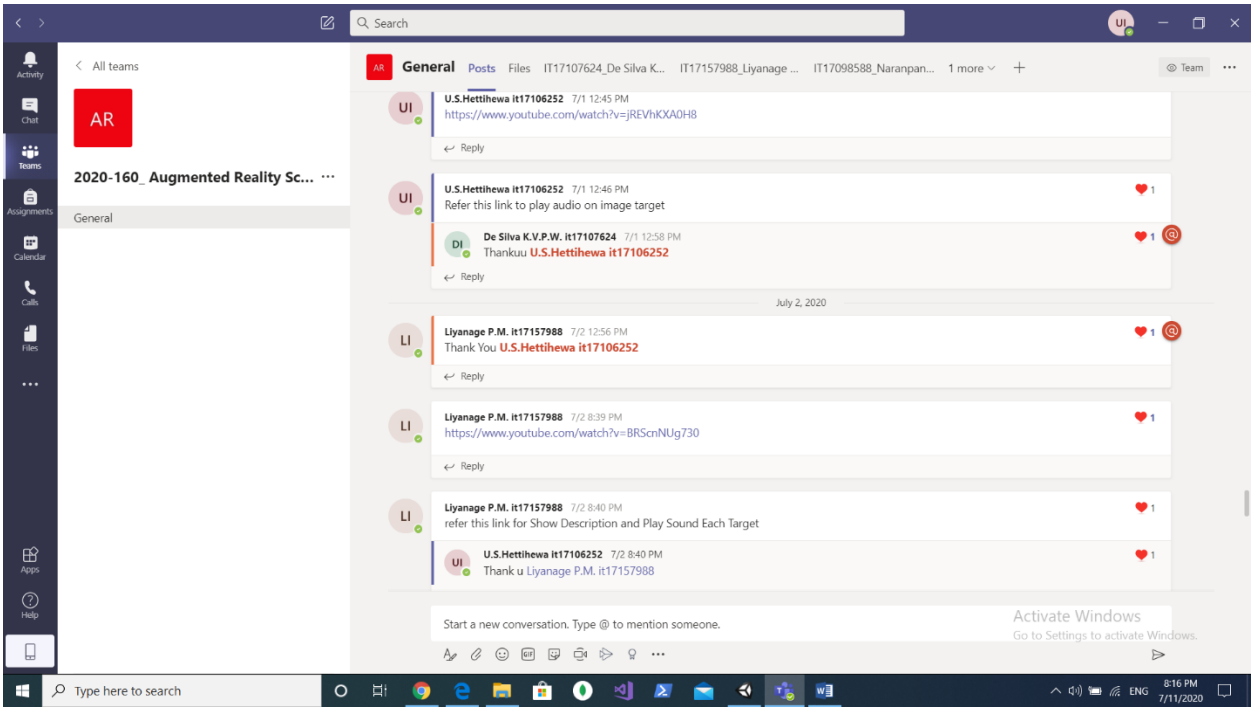
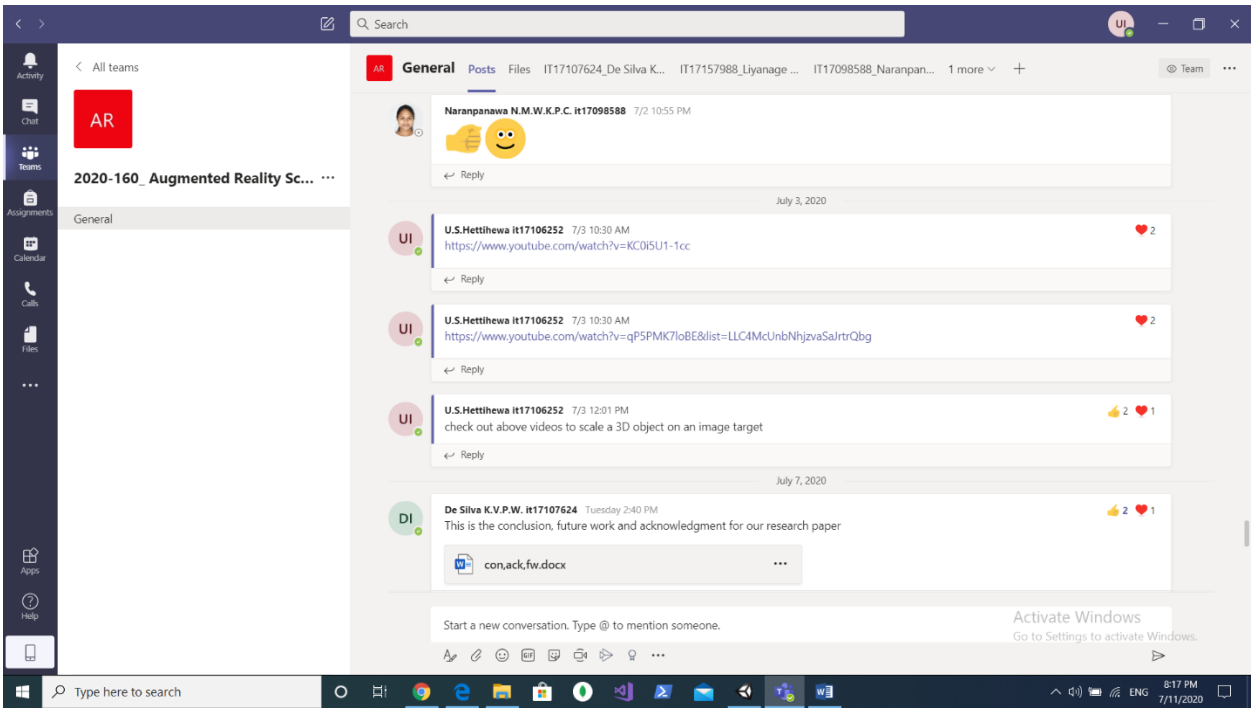
Posts
Files
IT17107624_De Silva K...
IT17157988_Liyanage ...
IT17098588_Naranpan...
1 more
Team
Research Paper Discussion ended: 31m 58s
Reply
Research Paper Discussion started
Meeting ended: 1h
Reply
June 29, 2020
De Silva K.V.P.W. it17107624 6/29 9:35 AM
Scheduled a meeting
(Cancelled) CDAP Team Meeting
Tuesday, June 30, 2020 @ 11:30 AM
De Silva K.V.P.W. it17107624 6/29 10:48 AM
The meeting "CDAP Team Meeting" is cancelled
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 you
Reply
Start a new conversation. Type @ to mention someone.
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
8:16 PM
7/11/2020


Search
All teams
AR
2020-160_ Augmented Reality Sc...
General
General
Posts
Files
IT17107624_De Silva K...
IT17157988_Liyanage ...
IT17098588_Naranpan...
1 more
Team
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
Refer this link to play audio on image target
De Silva K.V.P.W. it17107624 7/1 12:58 PM
Thankuu U.S.Hettihewa it17106252
Reply
July 2, 2020
Liyanage P.M. it17157988 7/2 12:56 PM
Thank You U.S.Hettihewa it17106252
Reply
Liyanage P.M. it17157988 7/2 8:39 PM
https://www.youtube.com/watch?v=BRScnNUg730
Reply
Liyanage P.M. it17157988 7/2 8:40 PM
refer this link for Show Description and Play Sound Each Target
U.S.Hettihewa it17106252 7/2 8:40 PM
Thank u Liyanage P.M. it17157988
Start a new conversation. Type @ to mention someone.
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
8:16 PM
7/11/2020


Search
All teams
AR
2020-160_ Augmented Reality Sc...
General
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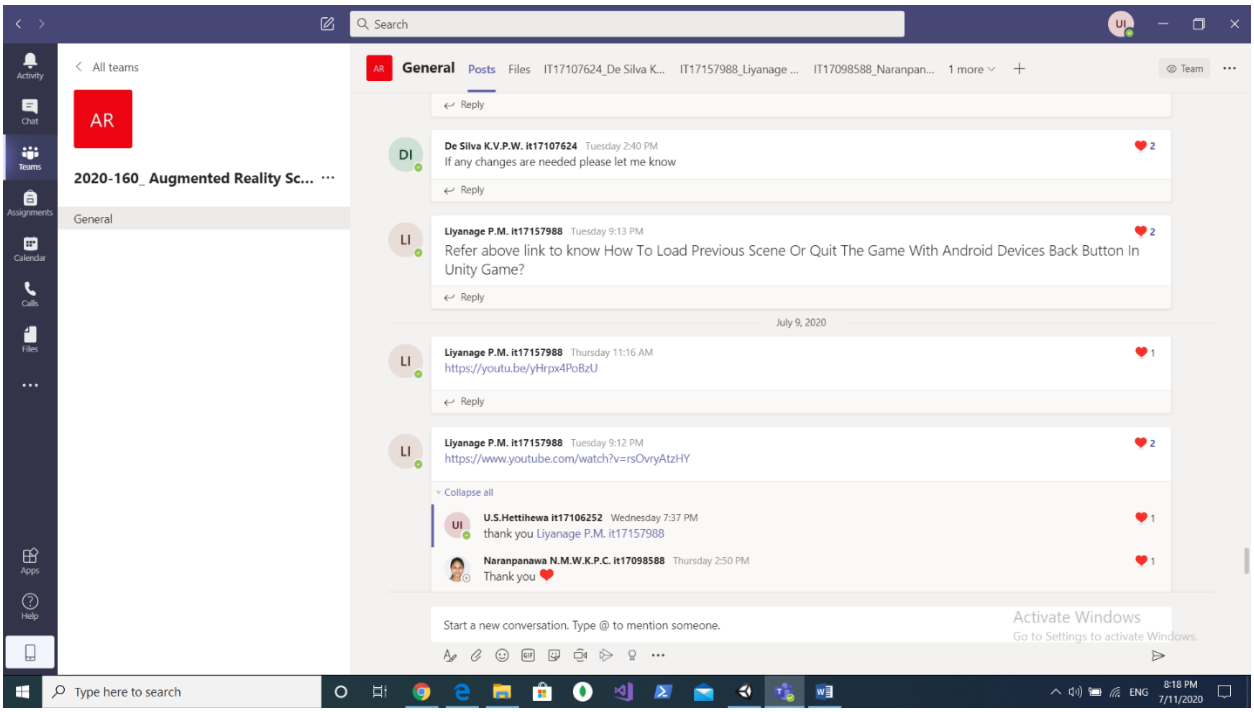
Posts
Files
IT17107624_De Silva K...
IT17157988_Liyanage ...
IT17098588_Naranpan...
1 more
Team
Naranpanawa N.M.W.K.P.C. it17098588 7/2 10:55 PM
Reply
July 3, 2020
U.S.Hettihewa it17106252 7/3 10:30 AM
https://www.youtube.com/watch?v=KC0i5U1-1cc
Reply
U.S.Hettihewa it17106252 7/3 10:30 AM
https://www.youtube.com/watch?v=qP5PMK7loBE&list=LLC4McUnbNhjzvaSaJrtrQbg
Reply
U.S.Hettihewa it17106252 7/3 12:01 PM
check out above videos to scale a 3D object on an image target
Reply
July 7, 2020
De Silva K.V.P.W. it17107624 Tuesday 2:40 PM
This is the conclusion, future work and acknowledgment for our research paper
con,ack,fw.docx
Start a new conversation. Type @ to mention someone.
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
8:17 PM
7/11/2020


Search
All teams
AR
2020-160_ Augmented Reality Sc...
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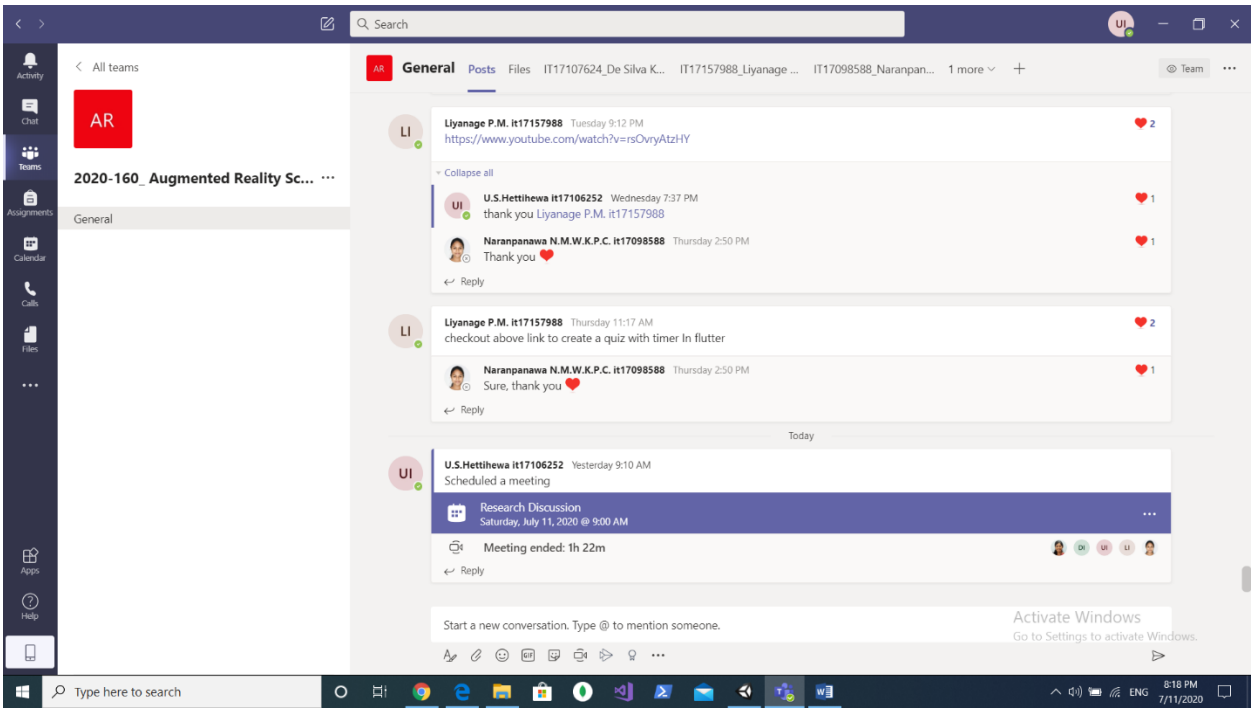
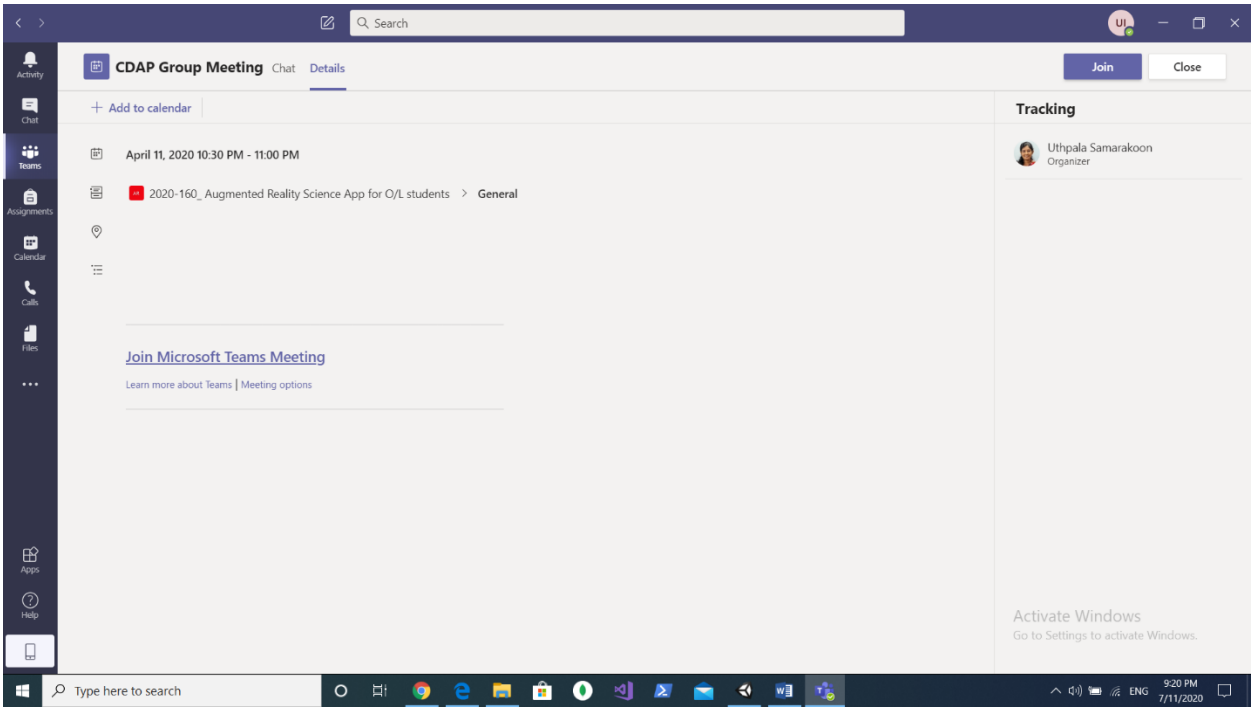
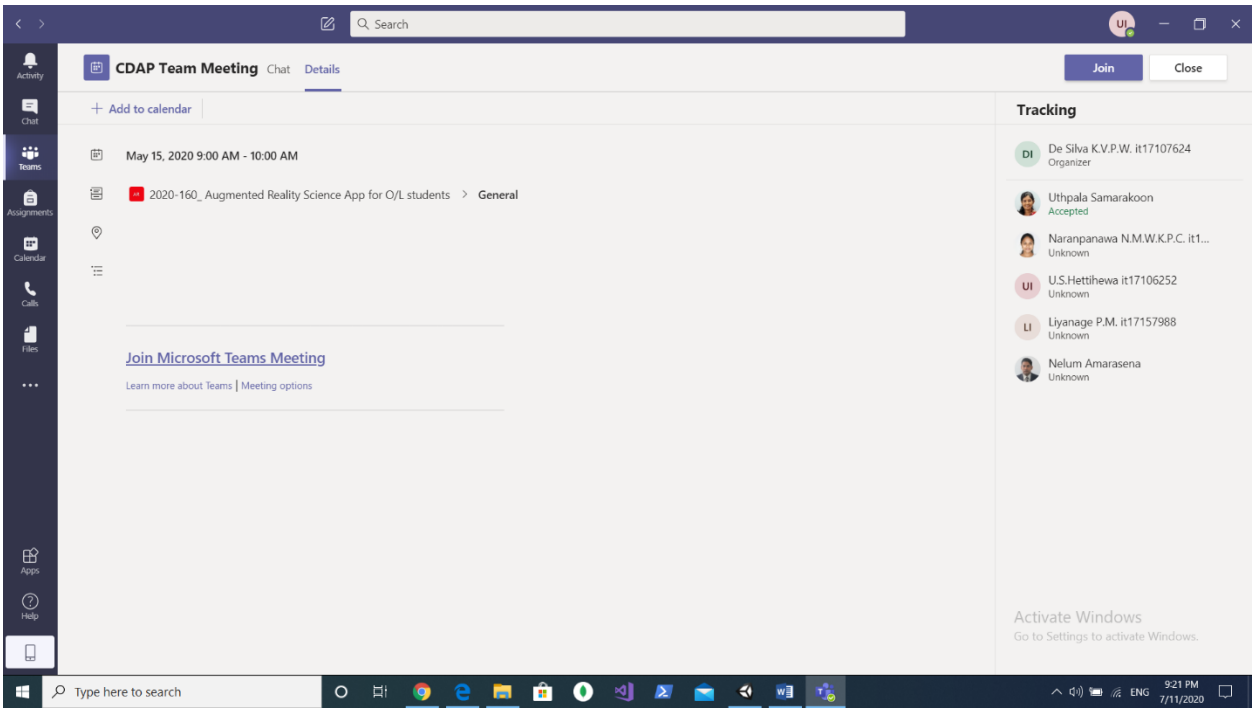
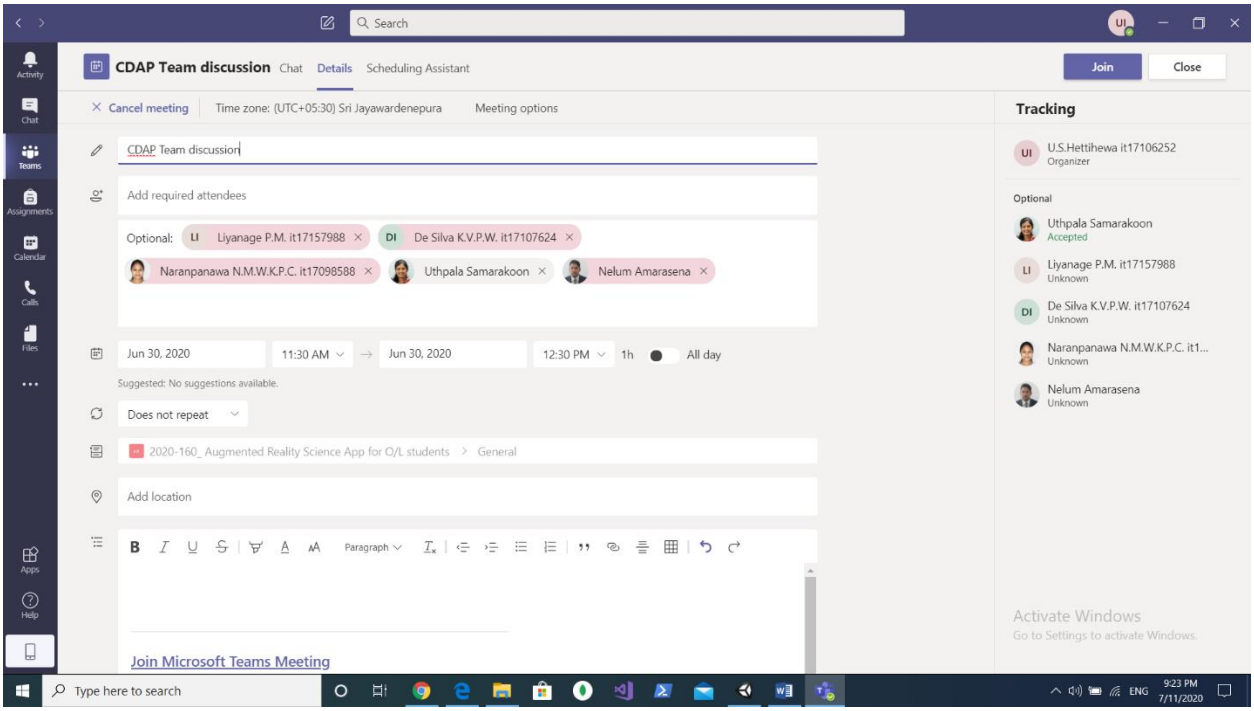
Posts
Files
IT17107624_De Silva K...
IT17157988_Liyanage ...
IT17098588_Naranpan...
1 more
Team
Reply
De Silva K.V.P.W. it17107624 Tuesday 2:40 PM
If any changes are needed please let me know
Reply
Liyanage P.M. it17157988 Tuesday 9:13 PM
Refer above link to know How To Load Previous Scene Or Quit The Game With Android Devices Back Button In Unity Game?
Reply
July 9, 2020
Liyanage P.M. it17157988 Thursday 11:16 AM
https://youtu.be/yHrpx4PoBzU
Reply
Liyanage P.M. it17157988 Tuesday 9:12 PM
https://www.youtube.com/watch?v=rsOvryAtzHY
Collapse all
U.S.Hettihewa it17106252 Wednesday 7:37 PM
thank you Liyanage P.M. it17157988
Naranpanawa N.M.W.K.P.C. it17098588 Thursday 2:50 PM
Thank you
Start a new conversation. Type @ to mention someone.
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
8:18 PM
7/11/2020

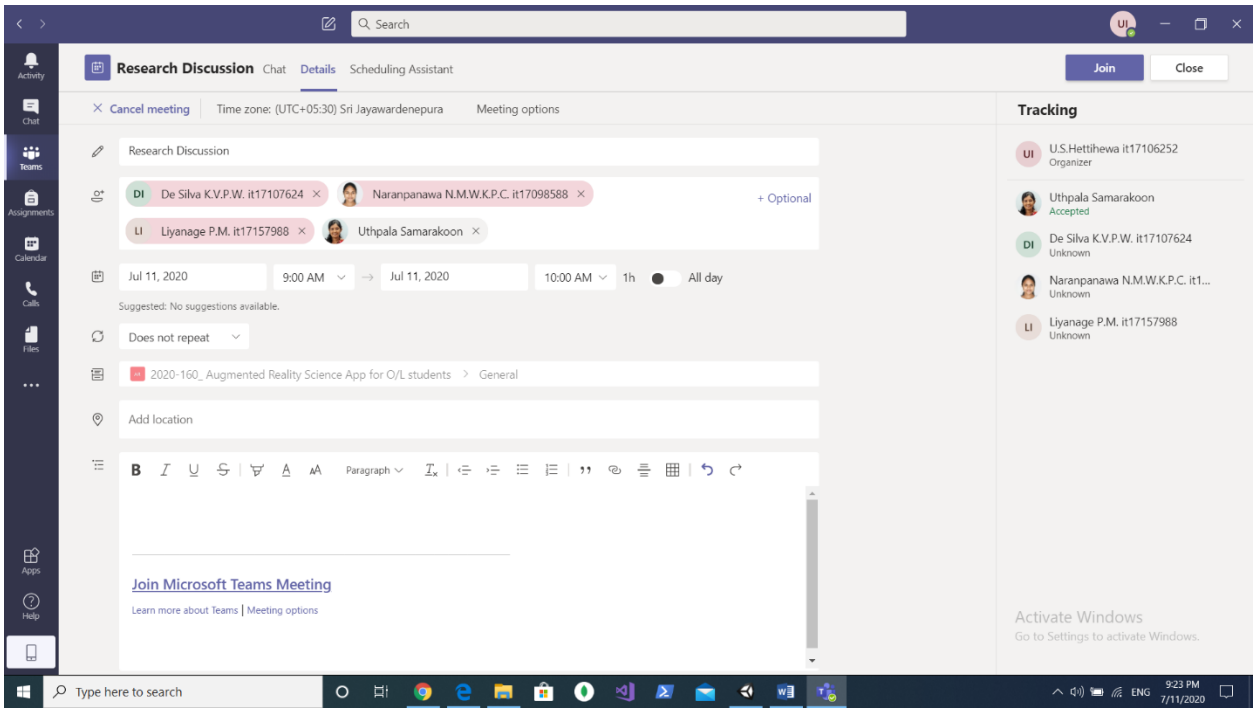


Supervisor Meetings

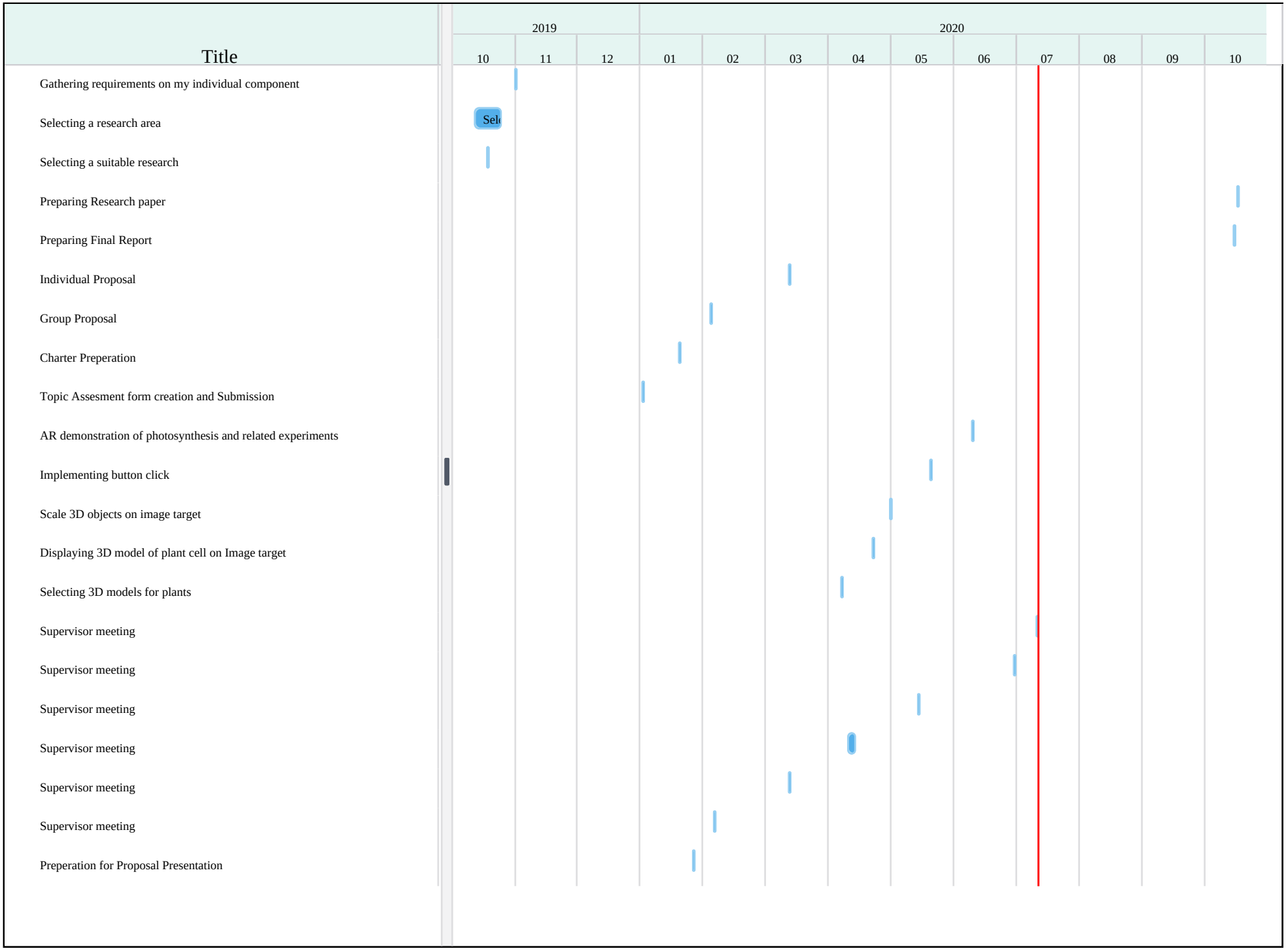



Search
CDAP Team Meeting
Chat
Details
Join
Close
Add to calendar
May 15, 2020 9:00 AM - 10:00 AM
2020-160_ Augmented Reality Science App for O/L students
General
Join Microsoft Teams Meeting
Learn more about Teams | Meeting options
Tracking
De Silva K.V.P.W. it17107624
Organizer
Uthpala Samarakoon
Accepted
Naranpanawa N.M.W.K.P.C. it1...
Unknown
U.S.Hettihewa it17106252
Unknown
Liyanage P.M. it17157988
Unknown
Nelum Amarasena
Unknown
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
9:21 PM
7/11/2020


Search
CDAP Team discussion
Chat
Details
Scheduling Assistant
Join
Close
Cancel meeting
Time zone: (UTC+05:30) Sri Jayawardenepura
Meeting options
CDAP Team discussion
Add required attendees
Optional:
Liyanage P.M. it17157988
De Silva K.V.P.W. it17107624
Naranpanawa N.M.W.K.P.C. it17098588
Uthpala Samarakoon
Nelum Amarasena
Jun 30, 2020
11:30 AM
Jun 30, 2020
12:30 PM
1h
All day
Suggested: No suggestions available.
Does not repeat
2020-160_ Augmented Reality Science App for O/L students
General
Add location
Paragraph
Join Microsoft Teams Meeting
Tracking
U.S.Hettihewa it17106252
Organizer
Optional
Uthpala Samarakoon
Accepted
Liyanage P.M. it17157988
Unknown
De Silva K.V.P.W. it17107624
Unknown
Naranpanawa N.M.W.K.P.C. it1...
Unknown
Nelum Amarasena
Unknown
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
9:23 PM
7/11/2020


Search
Research Discussion
Chat
Details
Scheduling Assistant
Join
Close
Cancel meeting
Time zone: (UTC+05:30) Sri Jayawardenepura
Meeting options
Research Discussion
De Silva K.V.P.W. it17107624
Naranpanawa N.M.W.K.P.C. it17098588
+ Optional
Liyanage P.M. it17157988
Uthpala Samarakoon
Jul 11, 2020
9:00 AM
Jul 11, 2020
10:00 AM
1h
All day
Suggested: No suggestions available.
Does not repeat
2020-160_ Augmented Reality Science App for O/L students
General
Add location
Paragraph
Join Microsoft Teams Meeting
Learn more about Teams | Meeting options
Tracking
U.S.Hettihewa it17106252
Organizer
Uthpala Samarakoon
Accepted
De Silva K.V.P.W. it17107624
Unknown
Naranpanawa N.M.W.K.P.C. it1...
Unknown
Liyanage P.M. it17157988
Unknown
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
9:23 PM
7/11/2020

Plan: IT17106252_U.SHettihewa (From 10/12/2019 To 10/17/2020)



Unscheduled Tasks

Title	Bucket
Preparing UI	Implementation
Testing plant cell demonstration with audio	Testing
Testing AR demo on photosynthesis and related experiments.	Testing
Testing 3D model for plant cell	Testing
Progress Presentation 1	Presentation and viva