SCIENCE APP FOR O/L STUDENTS USING AUGMENTED REALITY

Project Id: 2020-160

Status Document 1

IT17107624 – De Silva K.V.P.W

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

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

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

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

De Silva K.V.P.W. it17107624 3/24 7:05 PM
Creating gantt charts can be done using the above extension

↩ Reply

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

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.SHettihewa

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

↩ 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

Liyanage P.M. it17157988 4/7 12:00 PM   ❤ 1
Thank You So Much Naranpanawa N.M.W.K.P.C. it17098588

↩ Reply

Naranpanawa N.M.W.K.P.C. it17098588 4/7 12:42 PM   👍 1
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

👍 1

> **You Tube**
>
> **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

De Silva K.V.P.W. it17107624 4/7 1:21 PM
https://www.youtube.com/watch?v=0Ixa5fTmqzo

👍 2

↩ Reply

De Silva K.V.P.W. it17107624 4/7 1:23 PM
https://www.youtube.com/watch?v=0aE_WjB2urM&t=867s

👍 2

↩ Reply

De Silva K.V.P.W. it17107624 4/7 1:25 PM
https://www.youtube.com/watch?v=bOSrW403tmE&t=322s

❤ 2

↩ Reply

De Silva K.V.P.W. it17107624 4/7 1:34 PM
https://www.youtube.com/watch?v=mwQ-SV5aHmk

↩ Reply

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

❤ 1

↩ Reply

Liyanage P.M. it17157988 4/8 8:45 AM
https://library.vuforia.com/articles/Training/getting-started-with-vuforia-in-unity.html
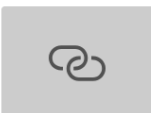
❤ 1

> 🔗
>
> **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

↩ Reply

U.S.Hettihewa it17106252 4/8 11:42 AM
Liyanage P.M. it17157988 thank you

❤ 1

↩ Reply

U.S.Hettihewa it17106252 4/8 11:45 AM   👍 1

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

Unity - Manual: Android environment setup

docs.unity3d.com

↩ Reply

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

↩ 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_lEYgkyQ&list=PL_Nji0JOuXg0tJ-HQ8g0OgEjIxL5RO1R2

↩ Reply

Naranpanawa N.M.W.K.P.C. it17098588 4/9 3:45 PM   👍 1

https://www.youtube.com/watch?v=q3LmB8Os1wE&list=PLazvcyckcBwgRrda7vV--I0y44wqucol_

↩ 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 4/9 3:46 PM

🙂

↩ Reply

De Silva K.V.P.W. it17107624 4/9 6:58 PM   ❤ 1

thankuuu

↩ Reply

U.S.Hettihewa it17106252 4/9 6:59 PM   ❤ 1

thanku piumi

↩ Reply

April 10, 2020

Liyanage P.M. it17157988 4/10 8:28 AM   ❤ 1

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

↩ Reply

Naranpanawa N.M.W.K.P.C. it17098588 4/11 10:44 AM

Madam, are these main user interfaces suitable for the mobile application? 🙂

↩ Reply

April 12, 2020

De Silva K.V.P.W. it17107624 4/12 12:33 PM   👍 3

📄 Meeting Minutes - 11-04.pdf   •••

↩ Reply

Naranpanawa N.M.W.K.P.C. it17098588 5/15 11:02 AM
Check this out 😊

↵ Reply

May 16, 2020
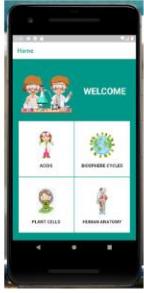
Liyanage P.M. it17157988 5/16 9:35 AM   ❤ 1
How To Rotate 3D Gameobject With Finger Swipe In Android Game Made With Unity Software   https://www.youtube.com/watch?v=7Ja67KpKLXw

↵ 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   ❤ 2
https://www.youtube.com/watch?v=7KR5IKi8m8g&t=4s

↵ Reply

De Silva K.V.P.W. it17107624 5/16 10:32 AM   ❤ 2
Button click in unity

↵ Reply

De Silva K.V.P.W. it17107624 5/16 10:35 AM   ❤ 1
Displaying a video on an image target   https://www.youtube.com/watch?v=tVYxT_AxBck

↵ Reply

Liyanage P.M. it17157988 5/16 1:45 PM   ❤ 2
Refer this Video tutorial to create a Quiz like a Game

↵ Reply

Liyanage P.M. it17157988 5/16 1:45 PM   ❤ 2
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

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=BRScnNUg730

↵ Reply

Liyanage P.M. it17157988 7/2 8:40 PM   ❤️ 1
refer this link for Show Description and Play Sound Each Target

> **U.S.Hettihewa it17106252** 7/2 8:40 PM   ❤️ 1
> Thank u Liyanage P.M. it17157988
>
> ↩ Reply

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   ❤️ 2
https://www.youtube.com/watch?v=KC0i5U1-1cc

↩ Reply

U.S.Hettihewa it17106252 7/3 10:30 AM   ❤️ 2
https://www.youtube.com/watch?v=qP5PMK7loBE&list=LLC4McUnbNhjzvaSaJrtrQbg

↩ Reply

U.S.Hettihewa it17106252 7/3 12:01 PM   👍 2 ❤️ 1
check out above videos to scale a 3D object on an image target

↩ Reply

July 7, 2020

De Silva K.V.P.W. it17107624 7/7 2:40 PM   👍 2 ❤️ 1
This is the conclusion, future work and acknowledgment for our research paper

📄 con,ack,fw.docx   ...

↩ Reply

De Silva K.V.P.W. it17107624 7/7 2:40 PM   ❤️ 2
If any changes are needed please let me know

↩ Reply

Liyanage P.M. it17157988 7/7 9:13 PM   ❤️ 2
Refer above link to know How To Load Previous Scene Or Quit The Game With Android Devices Back Button In Unity Game?

↩ Reply

Liyanage P.M. it17157988 7/9 11:16 AM
https://youtu.be/yHrpx4PoBzU

❤ 1

↩ Reply

Liyanage P.M. it17157988 7/7 9:12 PM
https://www.youtube.com/watch?v=rsOvryAtzHY

❤ 2

▾ Collapse all

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

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

↩ 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

↩ Reply

May 13, 2020

De Silva K.V.P.W. it17107624 5/13 9:24 PM   👍 1
Scheduled a meeting

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

5 replies from you and Uthpala

↩ Reply

CDAP Team Meeting ended: 1h 37m

↩ Reply

May 18, 2020

Research Paper Discussion ended: 31m 58s

↩ Reply

Research Paper Discussion ended: 1h

↩ Reply

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

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

↵ Reply

Plan: IT17107624_De Silva K.V.P.W   (From 10/06/2019 To 11/18/2020)   1

Title	2019			2020								
	10	11	12	01	02	03	04	05	06	07	08	09	10

Gathering requirements on my individual component — Gat — De Silva K.V.P.W. it17107624

Selecting a suitable research — De Silva K.V.P.W. it17107624   Naranpanawa N.M.W.K.P.C. it17098588   U.S.Hettihewa it17106252   Liyanage P.M. it17157988

Selecting a research area — De Silva K.V.P.W. it17107624   Naranpanawa N.M.W.K.P.C. it17098588   U.S.Hettihewa it17106252   Liyanage P.M. it17157988

Preparing Final Report — F

Preparing Research Paper — F   De Silva K.V.P.W. it17107624

Individual Proposal — Individual Pr

Group Proposal — C   De Silva K.V.P.W. it17107624   Naranpanawa N.M.W.K.P.C. it17098588   U.S.Hettihewa it17

Charter Preparation — De Silva K.V.P.W. it17107624   Naranpanawa N.M.W.K.P.C. it17098588   U.S.Hettihewa it17106252

Topic assesement form creation and submission — De Silva K.V.P.W. it17107624   Naranpanawa N.M.W.K.P.C. it17098588   U.S.Hettihewa it17106252

3D models of acids — De Silva K.V.P.W. it17107624

Progress Presentation 1 — De Silva K.V.P.W. it17107624

Progress Presentation2 — De Silv

Preparation for proposal presentation — De Silva K.V.P.W. it17107624

Supervisor meeting — De Silva K.V.P.W. it17107624   Naranpanawa N.M.W.K.P.C. it17098588   U.S.Hettihew

Supervisor Meeting — De Silva K.V.P.W. it17107624   Naranpanawa N.M.W.K.P.C. it17098588

Unscheduled Tasks

Title	Bucket
AR demonstration on the reaction of acids with elements	Implementation
Preparing UI to display clickable buttons	Implementation
Animations to 3d models of acids	Implementation
Testing the entire component	Testing
Testing AR demo on Rections	Testing
Testing 3D models of acids	Testing