

**Group B**

**Individual Assessment  
on  
Project Management**

**Agri Market**

**“Agri Market” Agriculture Development Mobile Application Project**

**H.M.N.I. Nimeshana (1038)**

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## 1. Project Team Members

Project Lead Coordinator

- H.M.N.I. Nimeshana (1038)

Project Developers and Designers

- H.E.M.W.I.G.D.G. Ekanayake (1074)
- S.S. Arunjith (905)

Project Documentation and Analyser

- B.M.H.T. Balasooriya (1081)



B.M.H.T. Balasooriya  
(1081)  
Project Documentation  
and Analyser



S.S. Arunjith  
(905)  
Project Designer



H.E.M.W.I.G.D.G.  
Ekanayake  
(1074)  
Main Project  
Developer



H.M.N.I.  
Nimeshana  
(1038)  
Project Lead  
Coordinator

## 2. Attendance

Meeting Date	Meeting Platform	Meeting Objectives	Attendance
2020.03.15	WhatsApp	Discussion about project initial planning	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.03.25	WhatsApp	Discussion about making project proposal	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.04.04	Zoom Google Docs	Making project proposal through online google docs	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.04.06	WhatsApp	Resubmission of Proposal	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.04.07	Zoom Google Docs	Finalizing Project Proposal	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.04.25	WhatsApp	Discussion about project SRS document	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.05.01	Zoom Google Docs	Making Project SRS Document	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.05.09	Zoom Google Docs	Finalizing SRS Document	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.05.10	WhatsApp	Discussion about project Interim Report	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.05.17	Zoom Google Docs	Finalizing Interim Report Document	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya

2020.05.25	Zoom	Discussion and making of Login Management System	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.06.01	Zoom	Testing Login management System	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.06.04	Zoom	Finalizing Login management system and submission of Sprint 1	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.06.10	WhatsApp Google Docs	Making of Sprint 2 Backlog	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.06.18	Zoom	Testing Sprint 2 with more sub systems	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.06.21	Zoom	Writing Test Cases	Shawn Arunjith Nawodya Ishan
2020.05.25	Zoom	Finalizing Sprint 2 System Release	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.07.23	Zoom	Discussion about submission of Individual reports and Sprint 3	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.07.27	WhatsApp	Testing Sprint 3	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.08.01	Zoom	Discussion about further improvements	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya
2020.08.08	Zoom WhatsApp Google Docs	Finalizing Individual Reports and Sprint 3	Dinuka Ekanayake Shawn Arunjith Nawodya Ishan Tharushika Balasooriya

### 1) Zoom Audio Discussion

Zoom Meeting 40-Minutes

Talking:

00:08:00

Participants (4)

Nawodya Ishan (Host, me)

1081 Hirani

Dinuka Ekanayake

Shawna Arunjith

Meeting Topic:

Nawodya Ishan's Personal Meeting Room

Host:

Nawodya Ishan


Password:

11111

Invite Link:


<https://us04web.zoom.us/j/9788034498?pwd=bUFEaVV4N...>

(invite link has been copied to Clipboard)




Join Audio

Computer Audio Connected



Share Screen



Invite Others

Mute

Start Video

Security

Participants

Chat

Share Screen

Record

End

Invite

Mute All

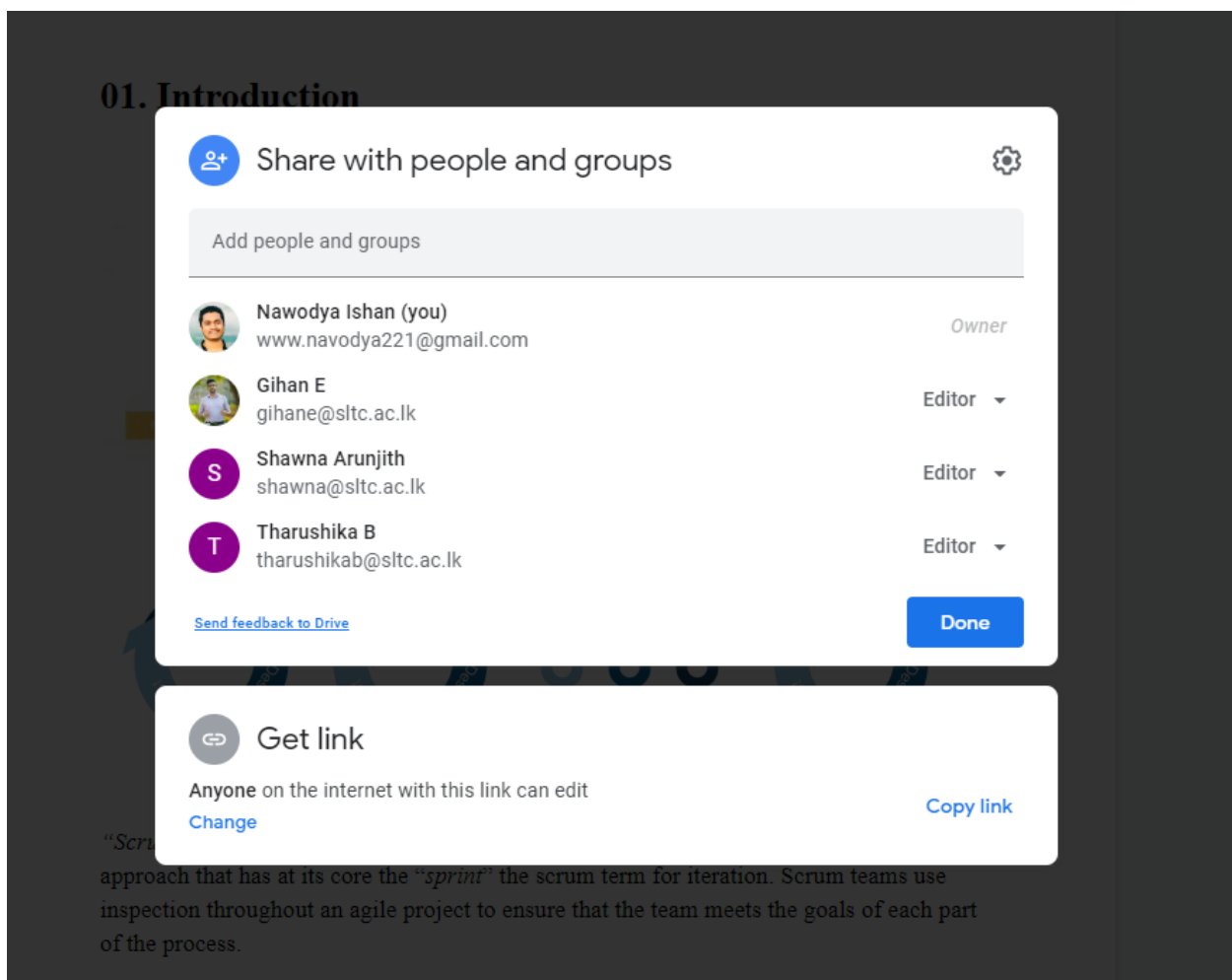
## 2) Zoom Video Discussion

**1.1 Full Systems Overview – Flow Chart**

```

graph TD
    Start([Start]) --> WantReg1{Want to register?}
    WantReg1 -- Yes --> Login[Login]
    WantReg1 -- No --> WantReg2{Want to register?}
    WantReg2 -- Yes --> ChooseForm[Choose form to use  
(Customer or seller or transport)]
    ChooseForm --> FillForm[Fill registration form]
    FillForm --> LoginSuccessful[Login successful]
    FillForm --> ForgotPass[Forgot password]
    LoginSuccessful --> WantReg3{Want to register?}
    WantReg3 -- Yes --> ChooseForm
    WantReg3 -- No --> WantReg4{Want to register?}
    WantReg4 -- Yes --> NewProduct[New product]
    WantReg4 -- No --> End([End])
    Login --> WantReg5{Want to register?}
    WantReg5 -- Yes --> ChooseForm
    WantReg5 -- No --> WantReg6{Want to register?}
    WantReg6 -- Yes --> NewProduct
    WantReg6 -- No --> End
    
```

### 3) Google Docs



#### 4) WhatsApp Group Communication





### **3. Project Management**

#### **SCRUM Backlogs**

##### **Sprint 1**

- Systems Added
  - o Login Management
  - o User Management
- Successfully Developed and Completed the Sprint 1 System
- Start Date 2020.05.25
- End Date 2020.06.04
- By Dinuka Ekanayake (Main Developer) with Shawn Arunjith, Nawodya Ishan, Hiruni Tharushika
- 3 Team Meetings Arranged with 100% attendance
  - o For Initial Discussion about sprint 1 backlog
  - o For Development of the systems according to backlog
  - o For Testing and Finalizing Sprint 1
- Sprint 1 Backlog Link;  
<https://drive.google.com/file/d/1sJq7x7gKH5BrEQbcRTEpXcV010C7fBAP/view?usp=sharing>

##### **Sprint 2**

- Systems Added
  - o Product Browsing Management System
  - o Product Management System
  - o User Review System
  - o Chat System
  - o Improved User Interfaces
- Successfully Developed and Completed the Sprint 2 System without user review and chat system.
- Start Date 2020.06.05
- End Date 2020.06.29
- By Dinuka Ekanayake (Main Developer) with Shawn Arunjith, Nawodya Ishan, Hiruni Tharushika
- 3 Team Meetings Arranged with 100% attendance
  - o For Initial Discussion about sprint 1 backlog
  - o For Development of the systems according to backlog
  - o For Testing and Finalizing Sprint 2
- Sprint 2 Backlog Link; <https://drive.google.com/file/d/1XacMSFLRmQkeQ0Sg26-KiNJNVZL6haQV/view?usp=sharing>

### **Sprint 3**

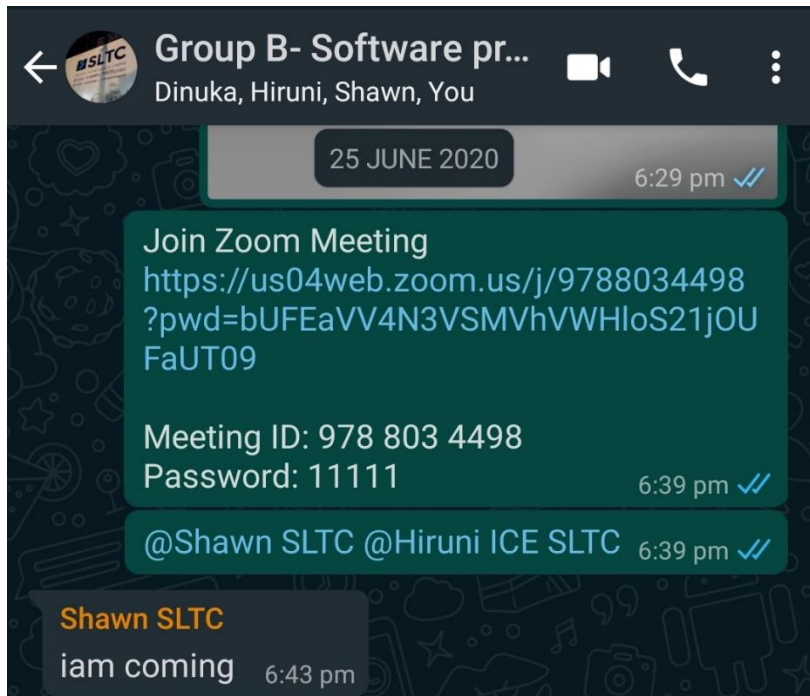
- Modifications Added
  - Improved Login Management
  - Improved Product Browsing Management System
  - Improved Product Management System
- Successfully Developed and Completed the Sprint 3 System
- Start Date 2020.07.23
- End Date 2020.08.09
- By Dinuka Ekanayake (Main Developer) with Shawn Arunjith, Nawodya Ishan, Hiruni Tharushika
- 3 Team Meetings Arranged with 100% attendance
  - For Initial Discussion about sprint 3 backlog
  - For Development of the systems according to backlog
  - For Testing and Finalizing Sprint 3
- Sprint 3 Backlog Link;  
<https://drive.google.com/file/d/1YVa1xdlc4ZjHWdqoAzste085x9CoGNL/view?usp=sharing>

## 4. Presentation to Client

**Presented Sprint 2 Release to the client, Tutor successfully.**

Preparation and Presentation at the meeting

- Displayed and Explained every UI Page with the flow.
- Explained every system with its functions by team members leaded by main developer Dinuka Ekanayake
- Evidence of preparation



## Sprint 3 Presentation Preparation

Preparation and Presentation at the meeting

- Willing to Display and Explain every UI Page with the flow.
- Hope to Explain every system with its functions by team members lead by main developer Dinuba Ekanayake
- Evidence of preparation



### Project Team



B.M.H.T. Balasooriya  
(1081)  
Project Documentation  
and Analyser



S.S. Arunjith  
(905)  
Project Designer



H.E.M.W.I.G.D.G.  
Ekanayake  
(1074)  
Main Project  
Developer



H.M.N.I.  
Nimeshana  
(1038)  
Project Lead  
Coordinator

## Introduction

- ▶ Agriculture Market is a digital classified Agriculture marketing mobile App creating a digital market for the farming community .
- ▶ Buyers, sellers and transporters are able to come together in a transparent manner procuring agriculture commodities and services through a listing mechanism.
- ▶ Agri Mart Mobile Application provides easier user interface which makes the shopping easy for customers, farmers and also makes the delivery of products easy and less time-consuming and offers a wide range of vegetables, fruits, cereals, Agricultural Equipment.

## PROJECT OBJECTIVES AND EXPECTED BENEFITS

- ▶ The purpose of this application is to automate and facilitate the whole process of agricultural marketing
- ▶ This application fixes the limitation and problems in buying and selling processes of agricultural products.
- ▶ Increase the quality of sale
- ▶ Efficient Transportation

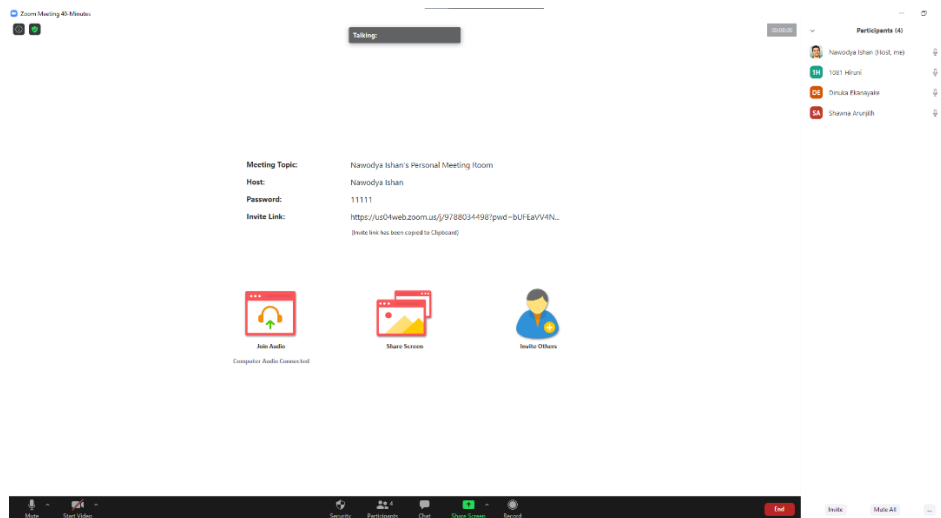
## 5. Good Collaboration

### Main Platforms used for Collaboration

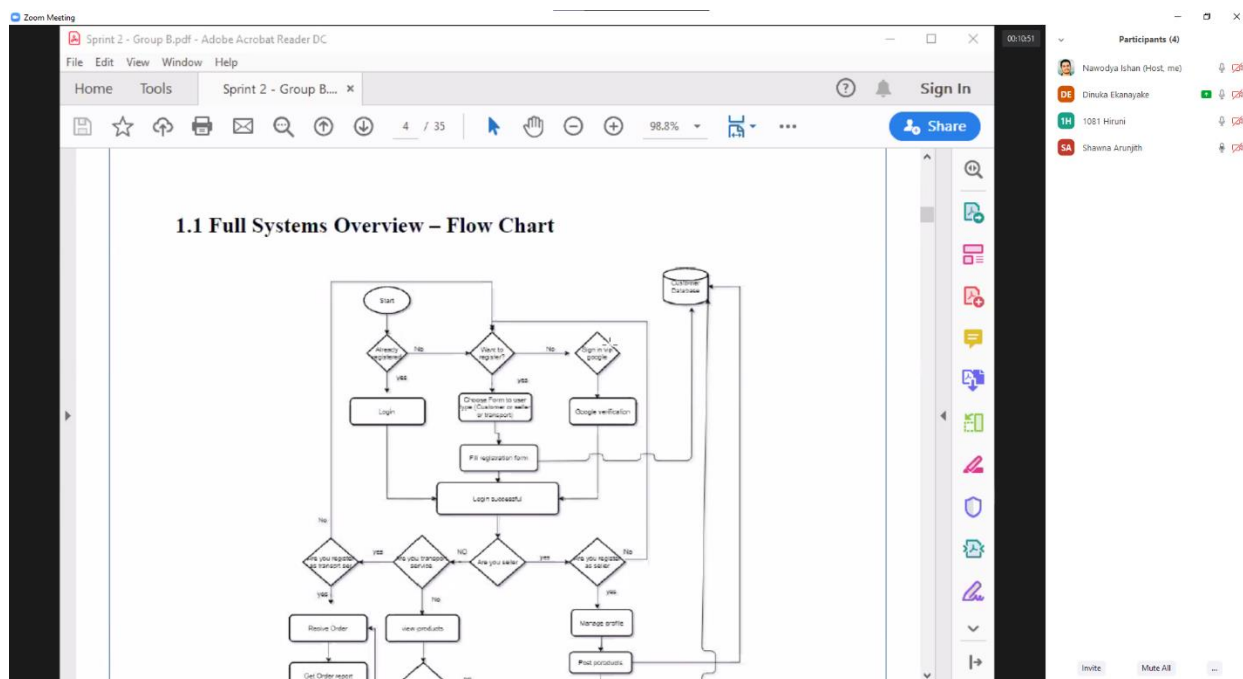
- Zoom (Audio, Video, Screen Share)
- Google Drive (Google Docs)
- WhatsApp (Group Chat, Group Calls)

### Evidence of Good Communication and File Sharing

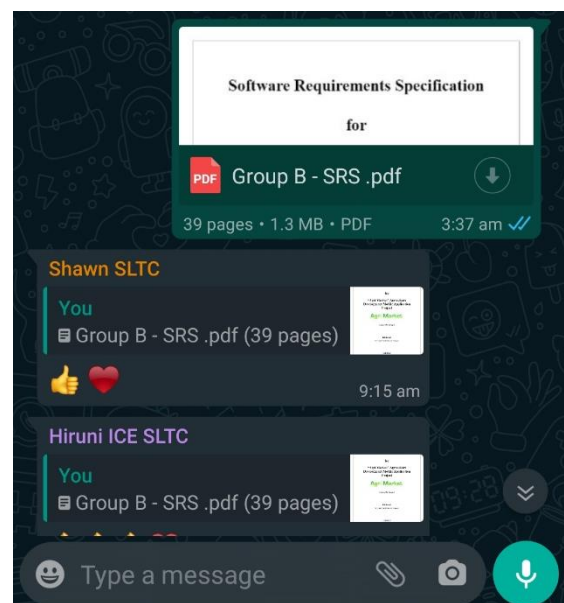
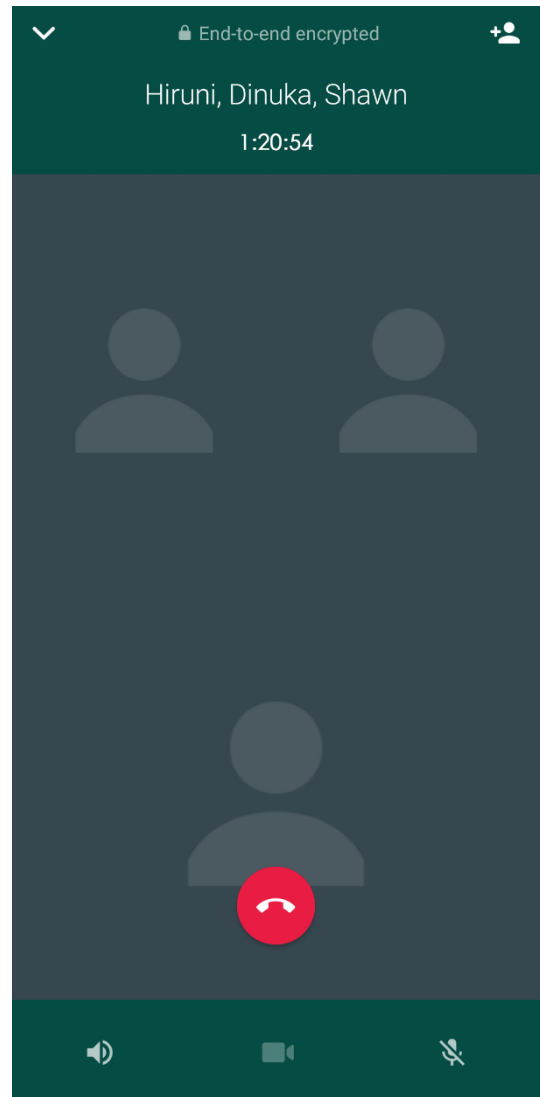
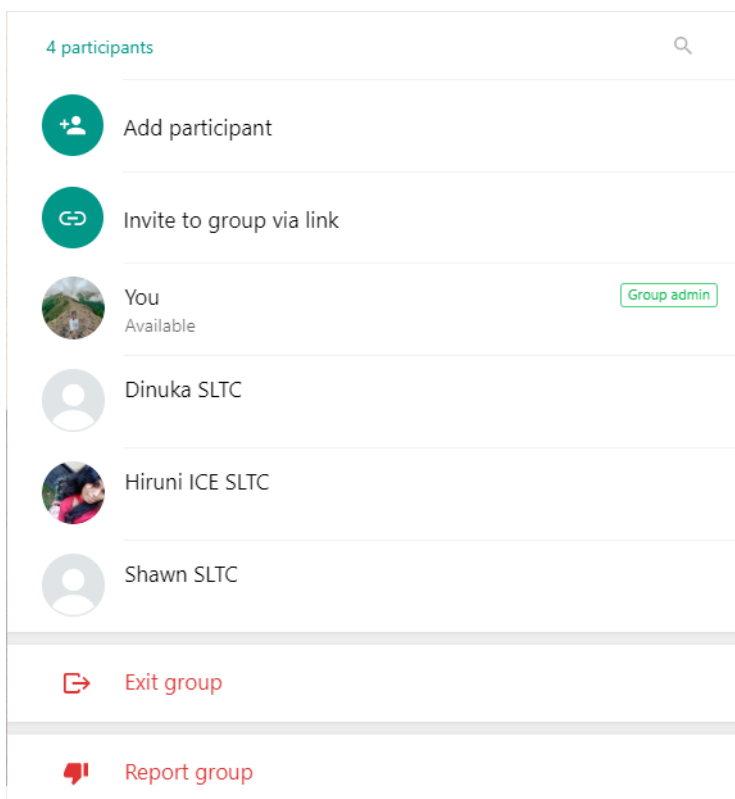
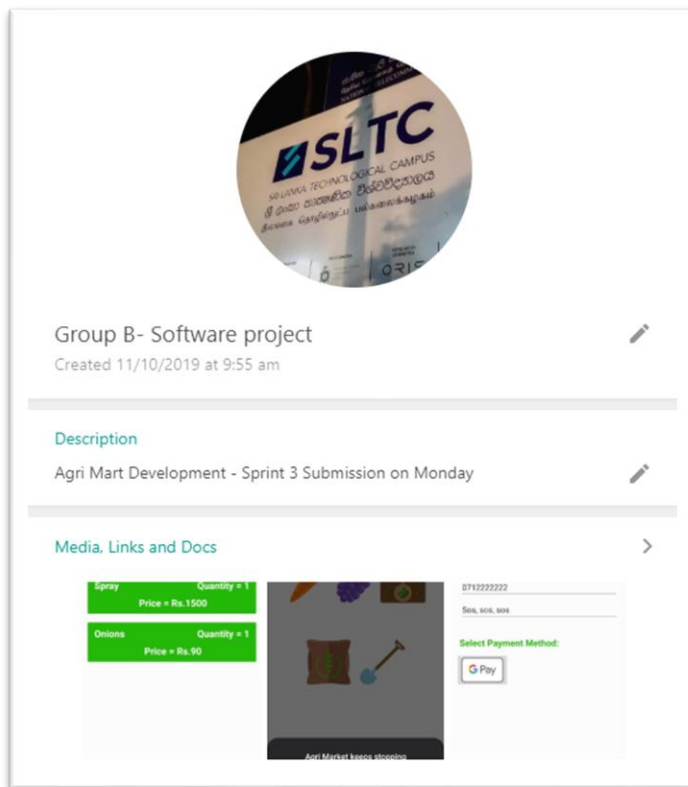
#### 1) Zoom Audio Discussion



#### 2) Zoom Video Discussion



### 3) WhatsApp Group Communication

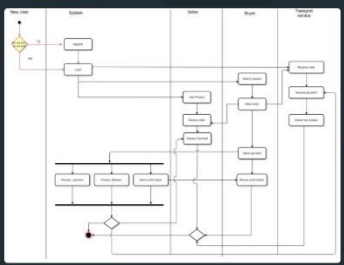




9:10 PM | 1.0KB/s

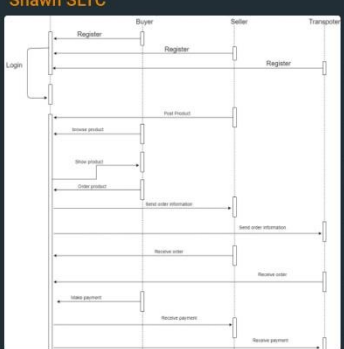
Group B- Software pr...  
Dinuka, Hiruni, Shawn, You

Shawn SLTC 17 MAY 2020




Activity diagram 10:53 pm

Shawn SLTC



Sequence diagram 10:54 pm

Shawn SLTC



Type a message

9:14 PM | 0.3KB/s

Group B- Software pr...  
Dinuka, Hiruni, Shawn, You

Dinuka SLTC 16 JUNE 2020

APK app-debug.apk

18 MB • APK 3:55 am

Dinuka SLTC  
Dinuka SLTC  
app-debug.apk

Updated 3:56 am

Dws 3k haduwa log out eka 3:56 am

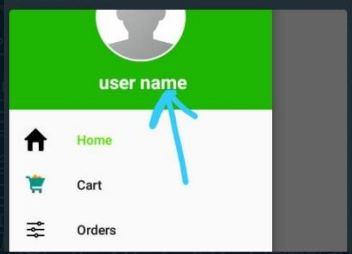
Hiruni ICE SLTC

Dinuka SLTC  
app-debug.apk

7:33 am

Dinuka SLTC  
Dws 3k haduwa log out eka 9:06 am

Hamme



Type a message

9:10 PM | 0.9KB/s

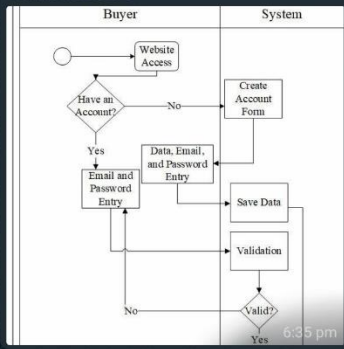
Group B- Software pr...  
Dinuka, Hiruni, Shawn, You

Hiruni ICE SLTC 17 MAY 2020

Photo

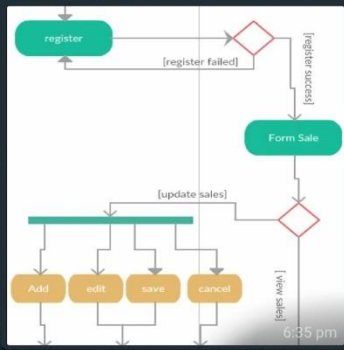
6:19 pm

Hiruni ICE SLTC



6:35 pm

Hiruni ICE SLTC

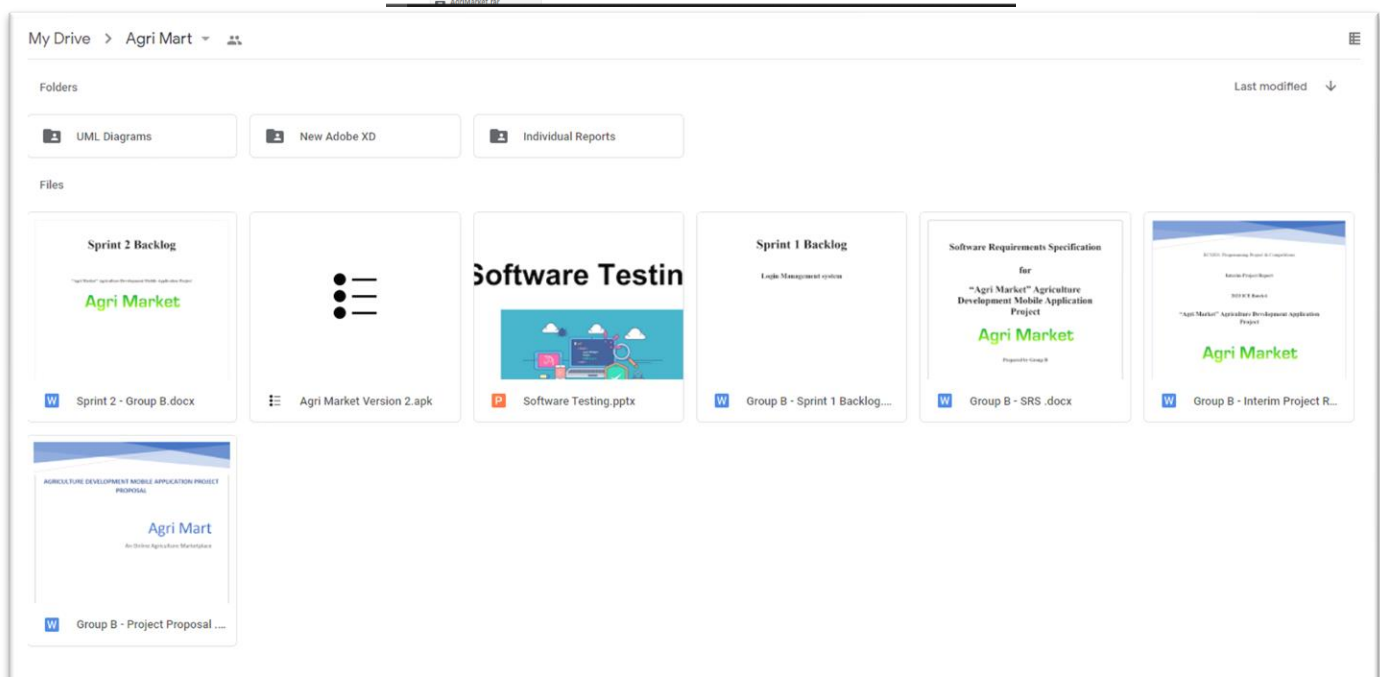
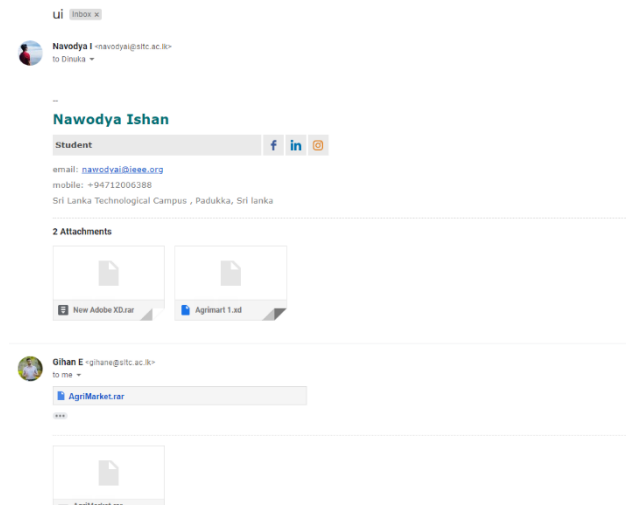
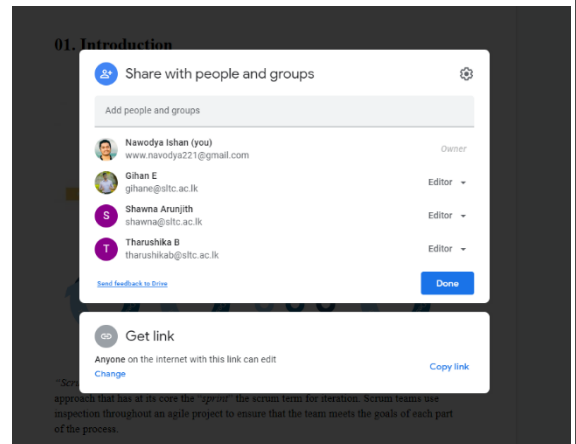
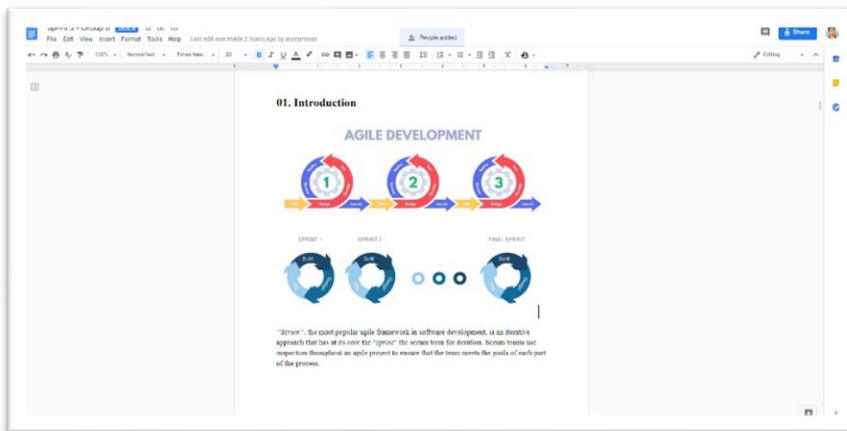


6:35 pm

Type a message



## 4) Google Docs Via Google Drive



## Evidence of Collaboration around issues

Regarding The Android Application Submission for Sprint 2 inbox



Navodya I <navodya@sltc.ac.lk>  
to Yohan, Shawna, Dinuka

Sat, Jun 20, 9:45 PM star reply more

Dear Sir,

I am Navodya Ishan from ICE Batch 6. We submitted our Sprint 2 on the 18th June midnight. But due to 19th June LMS Down incident, our project has been disappeared from LMS. So we reuploaded our Sprint 2 in Today noon.

Unfortunately in our further mobile application development process, we faced an error in connection with Online Database Api on yesterday as follow.

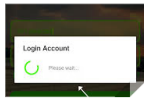
"E/FirebaseInstanceId: Failed to get FIS auth token"

But it ran well in the 18th midnight according to our test case document.

But now our Application is not functioning properly.

So we kindly request you to consider about our problem when evaluating our project marks.

Thank You Sir!



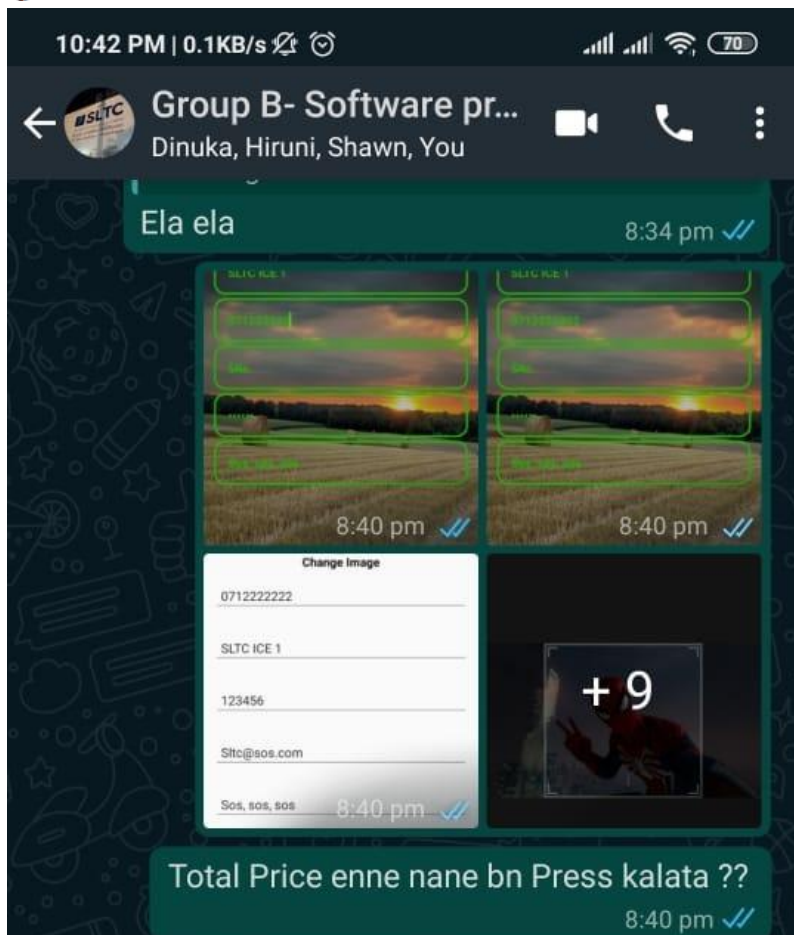
Yohan Pandigama  
I will. Please try to correct the problem by Sprint 3.

Sun, Jun 21, 11:59 AM star



Navodya I <navodya@sltc.ac.lk>  
to Yohan

Sun, Jun 21, 1:32 PM star reply more




## Evidence Work on Dead Lines

### Project Proposal Upload

Project Proposal Upload

#### Submission status

Submission status	Submitted for grading
Grading status	Not graded
Due date	Monday, 30 March 2020, 12:00 AM
Time remaining	Assignment was submitted 22 mins 28 secs early
Last modified	Sunday, 29 March 2020, 11:37 PM
File submissions	 <a href="#">Group B - Project Proposal .pdf</a> 29 March 2020, 11:37 PM
Submission comments	<a href="#">+ Comments (0)</a>

### SRS Upload Link

#### Submission status

Submission status	Submitted for grading
Grading status	Graded
Due date	Sunday, 10 May 2020, 12:00 AM
Time remaining	Assignment was submitted 3 hours 36 mins late
Last modified	Sunday, 10 May 2020, 3:36 AM
File submissions	 <a href="#">Group B - SRS .pdf</a> 10 May 2020, 3:36 AM
Submission comments	<a href="#">+ Comments (0)</a>

## Interim Report Upload Link (Extended till 17/05/2020)

### Submission status

Submission status	Submitted for grading
Grading status	Not graded
Due date	Monday, 18 May 2020, 12:00 AM
Time remaining	Assignment was submitted 26 mins 3 secs late
Last modified	Monday, 18 May 2020, 12:26 AM
File submissions	 Group B - Interim Project Report.pdf 18 May 2020, 12:26 AM
Submission comments	<a href="#">+ Comments (0)</a>