# Sri Lanka Institute of Information Technology



Comprehensive Design Analysis Project

## PERSONALIED APPLICATION FOR DEMENTIA PATIENTS IN CONGNITIVE REHABILITATION WITH CONTINUOUS MONITORING

Project Id: 2020-017
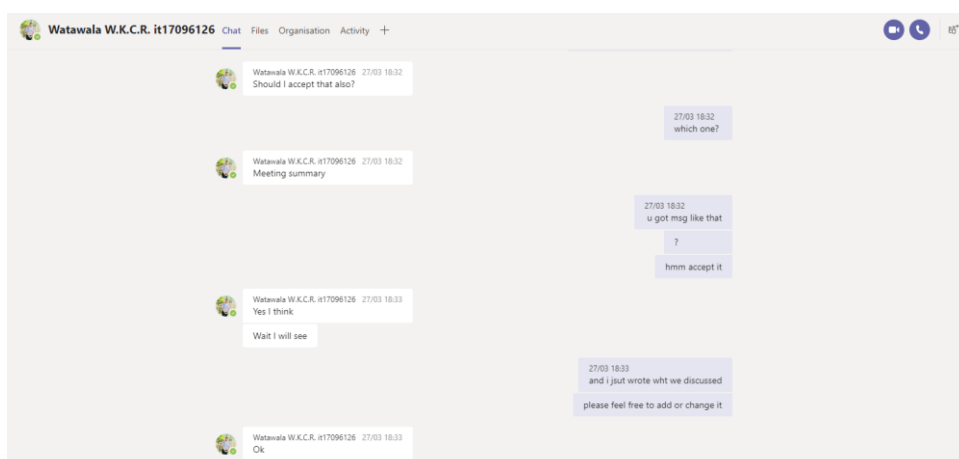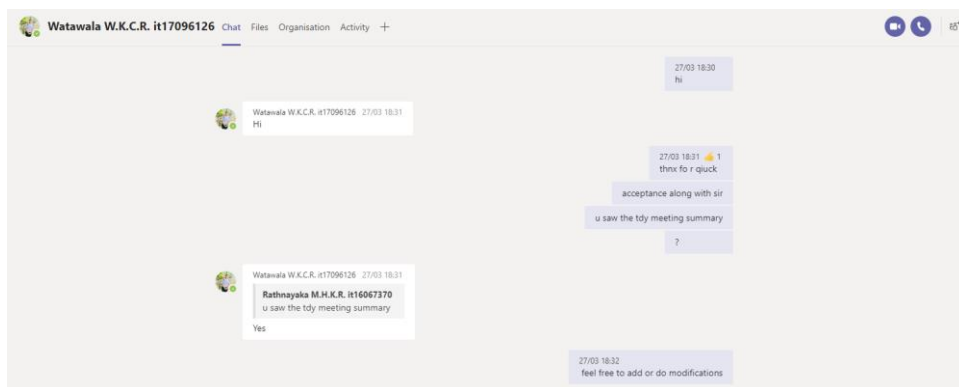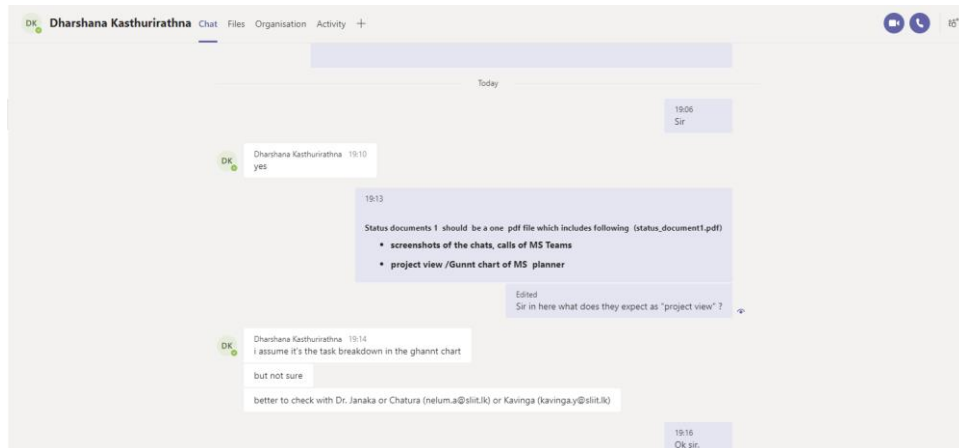
Status Document
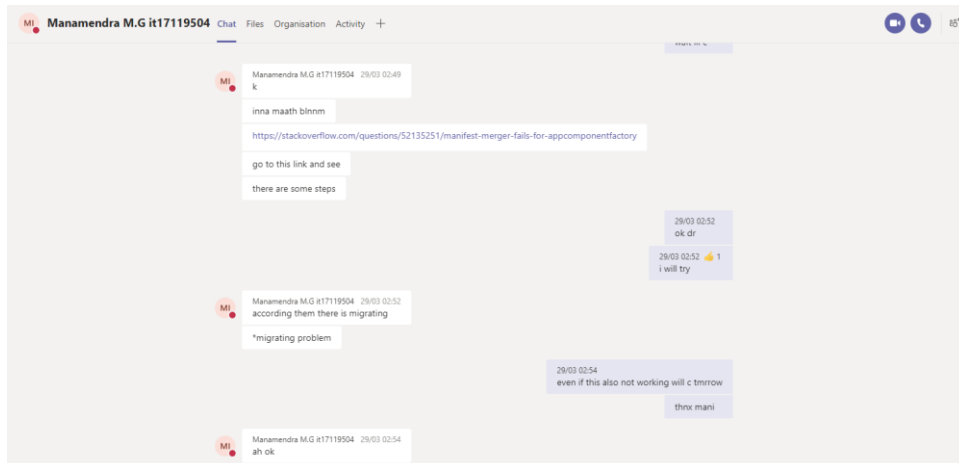
Submitted by: Rathnayaka M. H. K. R

IT16067370

13th of July 2020

# Table of Content

# 1. Screenshots of the chats

Watawala W.K.C.R. it17096126   27/03 18:32
Should I accept that also?

27/03 18:32
which one?

Watawala W.K.C.R. it17096126   27/03 18:32
Meeting summary

27/03 18:32
u got msg like that

?

hmm accept it

Watawala W.K.C.R. it17096126   27/03 18:33
Yes I think

Wait I will see

27/03 18:33
and i jsut wrote wht we discussed

please feel free to add or change it

Watawala W.K.C.R. it17096126   27/03 18:33
Ok

29/03 02:46
now another error

Manamendra M.G it17119504   29/03 02:46
mn me lap eken e paara log unaa mekata

29/03 02:46
ERROR: Manifest merger failed : Attribute application@appComponentFactory value=
(android.support.v4.app.CoreComponentFactory) from [com.android.support:support-compat:28.0.0]
AndroidManifest.xml:22:18-91
    is also present at [androidx.core:core:1.0.0] AndroidManifest.xml:22:18-86 value=
(androidx.core.app.CoreComponentFactory).
    Suggestion: add 'tools:replace="android:appComponentFactory"' to <application> element at
AndroidManifest.xml:8:5-29:19 to override.

Manamendra M.G it17119504   29/03 02:46 😀 1
ammo

inna balamu

uggestion: add 'tools:replace="android:appComponentFactory"' to <application> element at
AndroidManifest.xml:8:5-29:19 to override

oya suggestion eka krnna therenwda

29/03 02:49
wait ill c

wait ill c

Manamendra M.G it17119504   29/03 02:49
k

inna maath blnnm

https://stackoverflow.com/questions/52135251/manifest-merger-fails-for-appcomponentfactory

go to this link and see

there are some steps

29/03 02:52
ok dr

29/03 02:52 🙏 1
i will try

Manamendra M.G it17119504   29/03 02:52
according them there is migrating

*migrating problem

29/03 02:54
even if this also not working will c tmrrow

thnx mani

Manamendra M.G it17119504   29/03 02:54
ah ok

# 2. Calls of MS Teams

**Rathnayaka M.H.K.R. it16067370**  25/03 22:17
First online weekly meeting.

> 📅 **Weekly Meeting - 01**
> Friday, 27 March 2020 @ 17:00                                    ...

3 replies from Manamendra M.G it17119504 and Unknown User

↩ Reply

---
3 April 2020
---

**Rathnayaka M.H.K.R. it16067370**  27/03 18:29
Please include a short note of the things need to discuss and your questions.

> 📅 **Weekly Meeting - 02**
> Friday, 3 April 2020 @ 17:00                                    ...

📹  Weekly Meeting - 02 ended: 42 min 12 sec                        RI 🧑 MI

↩ Reply

---
10 April 2020
---

**Rathnayaka M.H.K.R. it16067370**  10/04 00:07
Scheduled a meeting

> 📅 **Weekly Meeting - 03**
> Friday, 10 April 2020 @ 17:00                                    ...

↩ Reply


**Rathnayaka M.H.K.R. it16067370**  15/04 17:15
Scheduled a meeting

> 📅 **Pre-discussion**
> Wednesday, 15 April 2020 @ 17:20                                ...

2 replies

↩ Reply

---
16 April 2020
---

**Rathnayaka M.H.K.R. it16067370**  14/04 18:36
Scheduled a meeting

> 📅 **Weekly Meeting - 04**
> Wednesday, 15 April 2020 @ 17:30                               ...

4 replies from Manamendra M.G it17119504 and Unknown User

↩ Reply


**Rathnayaka M.H.K.R. it16067370**  14/04 18:37
Scheduled a meeting

> 📅 **Team Meeting**
> Thursday, 16 April 2020 @ 17:30                                ...

2 replies

**RI** Rathnayaka M.H.K.R. it16067370   15/04 17:15
Scheduled a meeting

📅 **Pre-discussion**
Wednesday, 15 April 2020 @ 17:20                    ...

2 replies

↵ Reply

16 April 2020

**RI** Rathnayaka M.H.K.R. it16067370   14/04 18:36
Scheduled a meeting

📅 **Weekly Meeting - 04**
Wednesday, 15 April 2020 @ 17:30                    ...

4 replies from Manamendra M.G it17119504 and Unknown User

↵ Reply

**RI** Rathnayaka M.H.K.R. it16067370   14/04 18:37
Scheduled a meeting

📅 **Team Meeting**
Thursday, 16 April 2020 @ 17:30                    ...

2 replies

---

**RI** Rathnayaka M.H.K.R. it16067370   16/04 00:18
Scheduled a meeting

📅 **Meeting**
Friday, 17 April 2020 @ 17:30                    ...

6 replies from Manamendra M.G it17119504 and Unknown User

↵ Reply

**RI** Rathnayaka M.H.K.R. it16067370   17/04 18:21
Scheduled a meeting

📅 **Team Meeting**
Friday, 17 April 2020 @ 18:30                    ...

2 replies

↵ Reply

7 May 2020

**RI** Rathnayaka M.H.K.R. it16067370   06/05 17:43
To discuss about gitlab issues.

📅 **Gitlab**
Thursday, 7 May 2020 @ 17:00                    ...

2 replies

**General**  Posts  Files  CDAP_2020  +                    👁 Team  ···

June 30, 2020

**RI**

**Rathnayaka M.H.K.R. it16067370**  6/29 10:53 PM
Scheduled a meeting

📅  **Weekly Meeting - 10**
Tuesday, June 30, 2020 @ 5:30 PM                          ···

2 replies from Rathnayaka M.H.K.R. it16067370

↩ Reply

**RI**

**Rathnayaka M.H.K.R. it16067370**  6/29 11:03 PM
Scheduled a meeting

📅  **Weekly Meeting - 10**
Tuesday, June 30, 2020 @ 5:30 PM                          ···

9 replies from Rathnayaka M.H.K.R. it16067370 and Dharshana

↩ Reply

July 7, 2020

**RI**

**Rathnayaka M.H.K.R. it16067370**  Tuesday 11:30 AM
Scheduled a meeting

📅  **Progress Presentation**
Tuesday, July 7, 2020 @ 4:30 PM                           ···
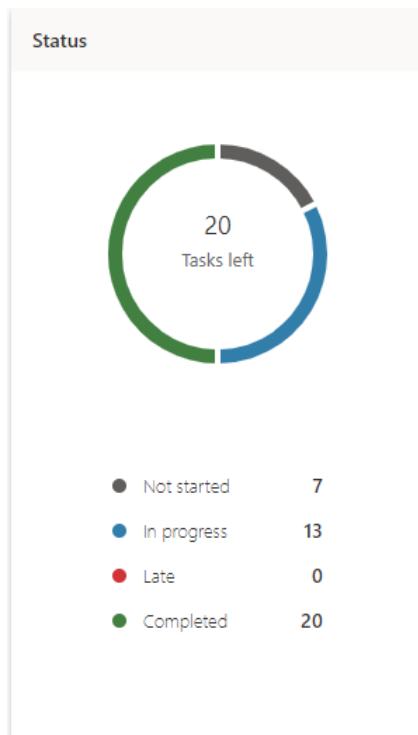
Start a new conversation. Type @ to mention someone.          Activate Windows
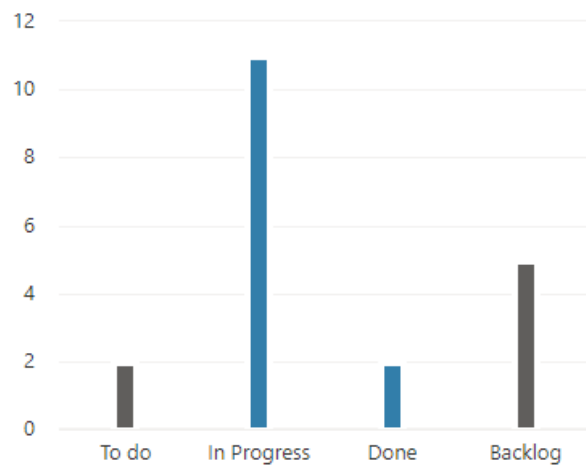                                                              Go to Settings to activate Windows.

𝒜̲  ⌀  ☺  GIF  🗒  📷  ▷  💡  📊  ···                              ➤

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**General**  Posts  Files  CDAP_2020  +                    👁 Team  ···

Tuesday, June 30, 2020 @ 5:30 PM

9 replies from Rathnayaka M.H.K.R. it16067370 and Dharshana

↩ Reply

July 7, 2020

**RI**

**Rathnayaka M.H.K.R. it16067370**  Tuesday 11:30 AM
Scheduled a meeting

📅  **Progress Presentation**
Tuesday, July 7, 2020 @ 4:30 PM                           ···

📹  Progress Presentation ended: 1h 27m                   RI 🟢 MI ⚫

↩ Reply

Today

**RI**

**Rathnayaka M.H.K.R. it16067370**  1:24 PM
Scheduled a meeting

📅  **Progress Document Discussion**
Thursday, July 9, 2020 @ 2:00 PM                          ···

5 replies from Rathnayaka M.H.K.R. it16067370

📹  Progress Document Discussion ended: 34m 7s            RI 🟢 MI

↩ Reply

Start a new conversation. Type @ to mention someone.          Activate Windows
                                                              Go to Settings to activate Windows.

𝒜̲  ⌀  ☺  GIF  🗒  📷  ▷  💡  📊  ···                              ➤

# 3. Project view

**Status**



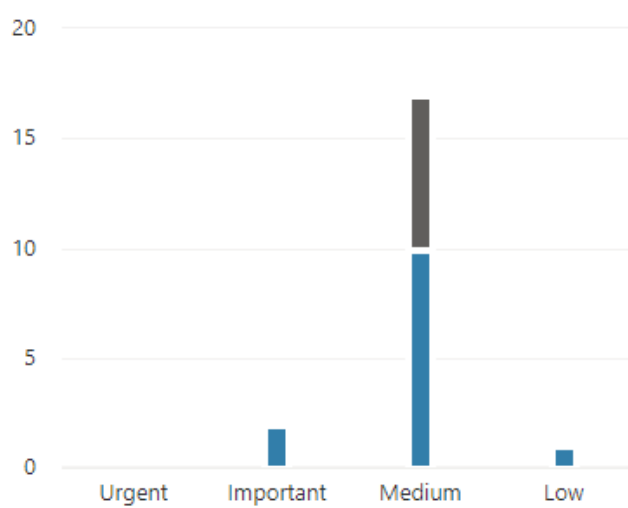| | |
|---|---|
| ● Not started | 7 |
| ● In progress | 13 |
| ● Late | 0 |
| ● Completed | 20 |

- Milestones in the journey of implementation
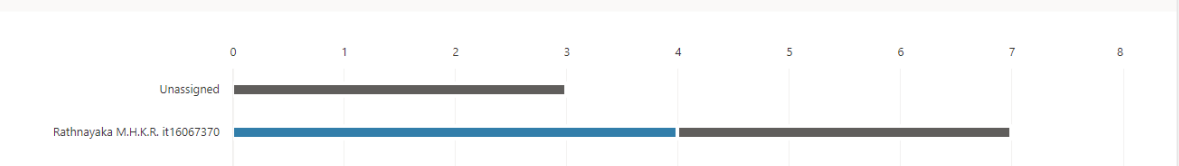  - Completed the game implementation, which coverd the half of the full implementation pharse.

## Bucket

| | |
|---|---|
| 12 | |
| 10 | |
| 8 | |
| 6 | |
| 4 | |
| 2 | |
| 0 | |

To do · In Progress · Done · Backlog

## Priority

| | |
|---|---|
| 20 | |
| 15 | |
| 10 | |
| 5 | |
| 0 | |

Urgent · Important · Medium · Low

## Members

**To do**

+ Add task

○ Integrate the algorithm with game. (Attention)
📅 24/08
RM Rathnayaka M.H.K.R. it16067370

**In Progress**

+ Add task

○ Implement the algorithm.(Attention)
❗ 📅 24/08   ✓ 0/4
RM Rathnayaka M.H.K.R. it16067370

○ Implementation
❗ 📅 31/08
MM   RM

○ Implementation Game Attention - Part 2
📅 24/08
RM Rathnayaka M.H.K.R. it16067370

**Done**

+ Add task

✓ Score (Attention)
📅 15/07
RM Completed by Rathnayaka M.H.K....

✓ Implementing game level 3 (Attention)
📅 17/05
RM Completed by Rathnayaka M.H.K....

✓ Implementing game level 2 (Attention)
📅 03/05
RM Completed by Rathnayaka M.H.K....

✓ Implementing game level 1 (Attention)
📅 29/03
RM Completed by Rathnayaka M.H.K....

✓ Implementing Game Attention & Concentration - Part 1
❗ 📅 01/06
RM Completed by Rathnayaka M.H.K....

**Backlog**

+ Add task

○ Testing
📅 01/10
RM Rathnayaka M.H.K.R. it16067370

○ System Integration
📅 31/08
RM Rathnayaka M.H.K.R. it16067370

Add new bucket

---

**To do**

+ Add task

○ Integrate the algorithm with game. (Attention)
📅 24/08
RM Rathnayaka M.H.K.R. it16067370

**In Progress**

+ Add task

○ Implement the algorithm.(Attention)
❗ 📅 24/08   ✓ 0/4
RM Rathnayaka M.H.K.R. it16067370

○ Implementation
❗ 📅 31/08
MM   RM

○ Implementation Game Attention - Part 2
📅 24/08
RM Rathnayaka M.H.K.R. it16067370

**Done**

+ Add task

✓ Implementing game level 2 (Attention)
📅 03/05
RM Completed by Rathnayaka M.H.K....

✓ Implementing game level 1 (Attention)
📅 29/03
RM Completed by Rathnayaka M.H.K....

✓ Implementing Game Attention & Concentration - Part 1
❗ 📅 01/06
RM Completed by Rathnayaka M.H.K....

✓ Design
📅 28/02   ✓ 4/4
RM Completed by Rathnayaka M.H.K....

✓ Initiation
📅 31/12/2019   ✓ 2/3
RM Completed by Rathnayaka M.H.K....

**Backlog**

+ Add task

○ Testing
📅 01/10
RM Rathnayaka M.H.K.R. it16067370

○ System Integration
📅 31/08
RM Rathnayaka M.H.K.R. it16067370

Add new bucket

# 4. User Task Allocation

··· ✕

✅ ~~Implementing game level 1 (Attention)~~

Completed on 2 days ago by you

👤₊  (RM)  Rathnayaka M.H.K.R. it16067370

| Bucket | Progress | Priority |
|---|---|---|
| Done ⌄ | ✅ Completed ⌄ | ● Medium ⌄ |

Start date | Due date
01/03/2020 📅 | 29/03/2020 📅

Notes ☐ Show on card

Implement the first level of the game Attention and Concentration.

Checklist 4 / 4 ☐ Show on card

✅ ~~Implement the core of the game.~~

✅ ~~Set navigation~~

✅ ~~Add score~~

✅ ~~Final touch with interfaces~~

○ Add an item

Attachments

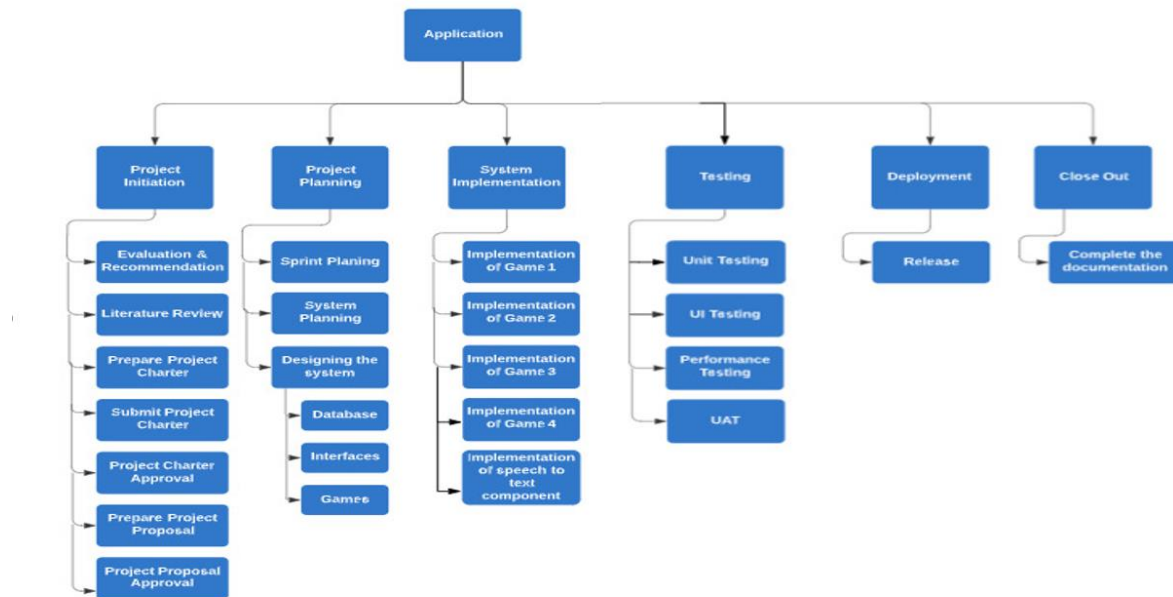**Add attachment**

📄 Doc1.docx ✅ Show on card ···

Comments

Refer the Design Document.

Send

# 4. Work Breakdown structure



- As mention in the work breakdown structure we assigned members several tasks. During the implementation phase we had to face some issue. One member had to face impediment situation, so I assigned her task and completed it. So, she could continue her one. By doing this we maximized our resource utilization to achieve deadlines and keep the rhythm of work.

# 5. Gantt chart
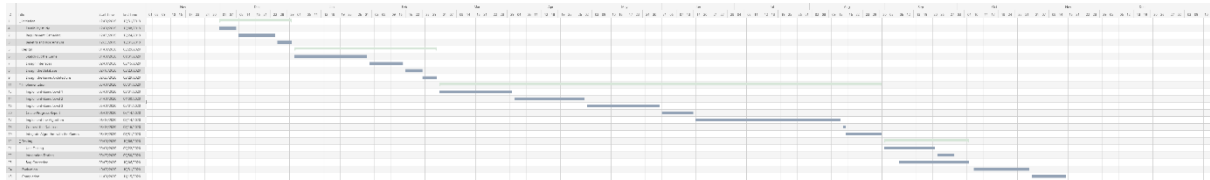


Link for the Gantt chat, since this image is not clear.

https://www.dropbox.com/s/o5tzxl1obpm3xww/Gantt%20Chart%20%281%29.png?dl=0

# 6. Documentation work

- Research Paper

- Presentation

- Status Document