**Assessment 1 – ITC303 Software Development Project 1**

**<Name here> – <Student ID here>**

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## Team Mission and Objectives or Goals

Our team’s mission is to plan and develop the software project Remote Mental Health Management system. RMHM is a social media platform for mental health management, where users are able share stories about their mental health and have access to mental health professionals or medical professionals. In these trying times, it is essential for people to take care of their mental health. People may feel lonely or isolated due to long amounts of lockdowns. Therefore, RMHM’s goal is to create a safe and comfortable online environment for people to share what they are going through and process difficult emotions with professional help.

Our team members and their contacts are as follows:

|  |  |  |
| --- | --- | --- |
| **Name** | **E-mail** | **Student ID** |
| Sobana Handi Achini Thisarangi De Silva | achinithisarangi86@gmail.com | 11719529 |
| Dehemi Vihara Dissanayake Liyanage | dissanayake7793@gmail.com | 11719890 |
| Gaury Chethana Thanthirigama | chethana9804@gmail.com | 11719458 |
| Temuulen Tsengel | temuulen2830@gmail.com | 11725719 |
| Michael Weisang | weisangm1@gmail.com | 11709457 |

* 1. **Team Member Skill Inventory**

Each member have written a brief description of their skills and knowledge as well as what they bring to the project.

|  |  |
| --- | --- |
|  | **Skills and Knowledge** |
| Sobana Handi Achini Thisarangi De Silva | I’d like to contribute to the user interface design, analysis, and documentation sections. Creative design, analytic ability, time managing, and programming languages such as PHP, C++, HTML, SQL, Python, and JavaScript are among my competencies. |
| Dehemi Vihara Dissanayake Liyanage | I’d like to work in the user interface designing part, analyzing and documentation. I have skills such as creative designing, analytical capabilities, time management, flexibility and programming languages like PHP, C++, SQL, html, Python and JavaScript. |
| Gaury Chethana Thanthirigama | I would contribute to the user interface design part of the project using my knowledge of the programming languages such as HTML, CSS, JavaScript, PHP, SQL, C and Java. I’m a good decision maker with logical thinking and quickly adapt to dynamic working conditions. |
| Temuulen Tsengel | I’d like to manage the project planning, organizing meeting, and finalizing documents. I have coding experience in Java, HMTL, and SQL. I’m able to contribute to the coding part of the project as well. |
| Michael Weisang | Coding and database management is my area of expertise and the part where I will contribute the most to the team and I am willing to be the speaker of the team. Programming language I am confident at is HTML, PHP, SQL, JavaScript and java. |

## Role Identification

|  |  |
| --- | --- |
| **Roles** |  |
| **Completer** (attention to detail) | Sobana Handi Achini Thisarangi De Silva |
| **Resource Investigator** (explore opportunities and contacts) | Dehemi Vihara Dissanayake Liyanage |
| **Shaper** (drive team forward) | Gaury Chethana Thanthirigama |
| **Coordinator** (clarify goals, promote decision making) | Temuulen Tsengel |
| **Leader** (provide support and encourage cooperation) | Michael Weisang |

## Agenda

Assignments

* Assessment 1 – Project Initiation
  + Establish push communication
  + Establish version control
  + Create team charter
  + Create project proposal
  + Create iteration plan

Meetings

* Attending class
* Discussion on the weekends

Contacting

* WhatsApp push communication
* Email through group wiki on interact
  1. **Conflict Resolution Mechanisms**

If conflicts occur during teamwork, we will practice conflict resolution methods such as:

* Open communication
* Positive attitude
* Active listening
* Patience
  1. **Sign Off:**

I have participated in the development of this charter and agree to it.

Team Member: Temuulen Tsengel

Team Member: Sobana Handi Achini Thisarangi De Silva

Team Member: Dehemi Vihara Dissanayake Liyanage

Team Member: Gaury Chethana Thanthirigama

Team Member: Michael Weisang

* 1. **Date:** 31/07/2021

1. **Project Proposal** – 31/07/2021
   1. **Project Summary/Goals**

Our project will be a web-based platform named “Naaman”. Naaman is a Remote Mental Health Management platform that promotes mental health through online consultation. The name “Naaman” is based on a story from the bible, which teaches the notion that you need to do something for yourself instead of waiting for some sort of miracle to cure your problems. Similar to this story the Naaman project encourages people to take care of themselves and reach out to others. Its primary feature will be online consultation, where people can share their stories, read what other people have shared, give, and receive feedback with people who have shared similar experiences and have access to professional assistance when needed.

* 1. **Benefits of Project**

During these difficult times, it is necessary for people to take care of their mental health. People are prone to feeling lonely or isolated due to long amounts of lockdowns with face to face and social interaction. Naaman will create a safe and comfortable online environment for people to share what they are going through and process difficult emotions with professional help.

* 1. **Desired Outcome**

Our desired outcome would be a fully functional web-based social media platform with:

* Consistent fast load time
* User friendly navigation
* Secure database system
* Search engine optimization
* Mobile friendliness
  1. **Project Schedule**

|  |  |  |
| --- | --- | --- |
| **Phases** | **Start** | **End** |
| Inception Phase | 19/07/2021 | 12/10/2021 |
| Elaboration Phase |
| Construction Phase | 15/11/2021 | 06/02/2022 |
| Transition Phase |

* 1. **Project Team and Resources**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **E-mail** | **Student ID** | **Roles** |
| Sobana Handi Achini Thisarangi De Silva | achinithisarangi86@gmail.com | 11719529 | Completer/Finalizer |
| Dehemi Vihara Dissanayake Liyanage | dissanayake7793@gmail.com | 11719890 | Resource Investigator |
| Gaury Chethana Thanthirigama | chethana9804@gmail.com | 11719458 | Shaper/Team Drive |
| Temuulen Tsengel | temuulen2830@gmail.com | 11725719 | Coordinator |
| Michael Weisang | weisangm1@gmail.com | 11709457 | Leader |

1. Iteration Plan

**[Note: Text enclosed in square brackets and displayed in blue italics (style=InfoBlue) is included to provide guidance to the author and should be deleted before publishing the document.]**

# **Key milestones**

|  |  |
| --- | --- |
| **Milestone** | **Date** |
| Iteration start | 20/07/2021 |
| Decide on a push communication method | 20/07/2021 |
| Hold a meeting to discuss assessment items | 26/07/2021 |
| Establish version control | 27/07/2021 |
| Create team charter | 30/07/2021 |
| Create iteration plan | 31/07/2021 |
| Create project proposal | 31/07/2021 |
| Iteration end | 31/07/2021 |

# **High-level objectives**

* Objective: Decide on a push communication method

Outcome: WhatsApp was chosen as a push communication method

* Objective: Hold a meeting in order to discuss assessment tasks

Outcome: All team members in attendance in a WhatsApp group call

* Objective: Establish a repository for version control of the project

Outcome: GitHub repository was established

* Objective: Create team charter

Outcome: Team charter was created providing project summary, detailed information of each team members and their skills

* Objective: Create iteration plan

Outcome: Iteration plan was created providing objectives, responsibilities, and issues

* Objective: Create project proposal

Outcome: Project proposal was created providing project purpose, objectives, and plan

# **Evaluation criteria**

* During week 1 class push communication method was chosen (WhatsApp)
* WhatsApp group call was held to discuss assessment items
* GitHub repository was created for version control of the project
* Team charter gives project summary, team members’ contact information, skills and knowledge
* Iteration plan gives project objectives, team responsibilities and issues
* Project proposal gives project purpose, goals, budget, and constraints

# **Work Item assignments**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Work Item ID** | **Name or key words of description** | **Outcome** | **State** | **Assigned to (name)** | **Estimated Hours** | **Hours worked** |
| 1. | Decide on a push communication method | WhatsApp application has been chosen | Complete | Michael | 1 | 1 |
| 2. | Hold a meeting to discuss assessment items | Group call has been held to discuss assessment items | Complete | Dehemi | 2 | 2 |
| 3. | Establish version control | GitHub repository has been created | Complete | Gaury/ Sobana | 1 | 1 |
| 4. | Create team charter | Team charter has been created | Complete | All members | 4 | 4 |
| 5. | Create iteration plan | Iteration plan has been created | Complete | Temuulen | 2 | 2 |
| 6. | Create project proposal | Project proposal has been created | Complete | All members | 3 | 3 |

# **Issues**

|  |  |  |
| --- | --- | --- |
| **Issue** | **Status** | **Notes** |
| Online communication response time | Solved | Without face to face meeting, online communication can be slow. However, during the weekends is where everyone had free time. |

# **Assessment**

|  |  |
| --- | --- |
| **Assessment target** | First Iteration |
| **Assessment date** | 31/07/2021 |
| **Participants** | Temuulen, Michael, Dehemi, Gaury, Sobana |
| **Project status** | Green |

## Assessment against objectives

The assessment objectives have all been completed. We have established push communication method, held a meeting, created team charter, iteration plan, and project proposal.

## Work Items: Planned compared to actually completed

All of the work objectives have been completed accordingly. The first iteration of the project progressed smoothly, and objectives were completed within expectation.

1. **Links to version control of each document**
   1. **Team Wiki Homepage link** - https://interact2.csu.edu.au/webapps/Bb-wiki-BB5c1c4db3261aa/wikiView?course\_id=\_57004\_1&group\_id=\_68438\_1
   2. **GitHub link** - https://github.com/Temuulen2830/ITC303-Remote-Health-Management
   3. **Team Charter link** - https://github.com/Temuulen2830/ITC303-Remote-Health-Management/blob/main/Team%20Charter%20ITC303%20version\_1.2.docx
   4. **Project Proposal link** - https://github.com/Temuulen2830/ITC303-Remote-Health-Management/blob/main/Project%20Proposal%20ITC303%20version\_1.1.docx
   5. **Iteration Plan link** - https://github.com/Temuulen2830/ITC303-Remote-Health-Management/blob/main/Iteration%20Plan%20ITC303%20version\_1.docx