

**Team: C**



# ***Genuine Technology & Research Ltd***

## **Monthly Report of Internship (22/07/2019-21/08/2019)**

**Supervised By**

**Ifran Ali Sakib**

Software Development

Genuine Technology & Research Ltd

**Submitted By**

**Md. Rafiqul Islam Sadik**

Date of Submission: 28<sup>th</sup> August, 2019

## Introduction:

My name is Rafiqul Islam Sadik. I joined 22th July in Genuine Technology Research Ltd. Now I will deliver a progress report in our internship period. On the first day our supervisor explained about our task and made three group. Each group have 2 members. My group member name is Our task is to develop Chat Application and Third-Party Application.

## Project Summary:

When we started our project, we always try to follow Software development life cycle (SDLC). At first, we prepared a documentation about our project. In our documentation we collect requirement, draw Activity diagram, Sequence diagram, data flow diagram, ER diagram, class diagram. Then we made a time scheduling when our projects will fully complete. For time scheduling we used Microsoft project manager tool. At first, we started to develop Chat Application. In our chat application 70 % work completed. To develop chat application, we face some problem. One of them is we couldn't store our message in database. For this reason, when a user sent a message to another user, we couldn't show user to their message history. We will fix this problem as soon as possible.

Now I will show you our project time scheduling, which we made by Microsoft Project Manager tool.

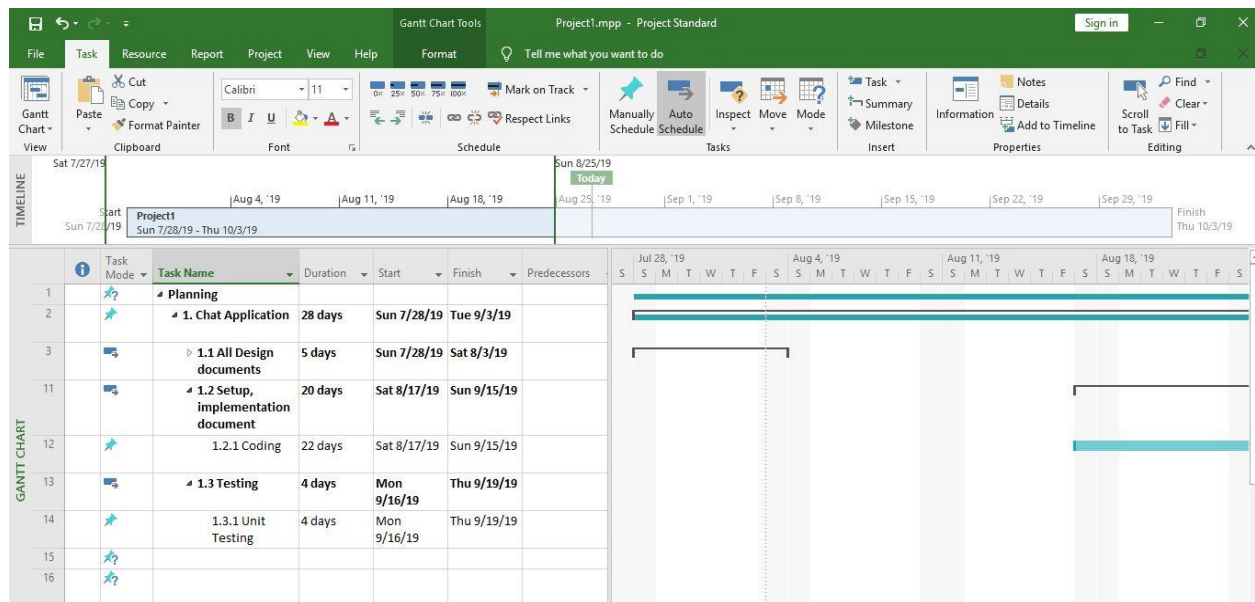


Fig1: Chat Application time scheduling Gantt chart

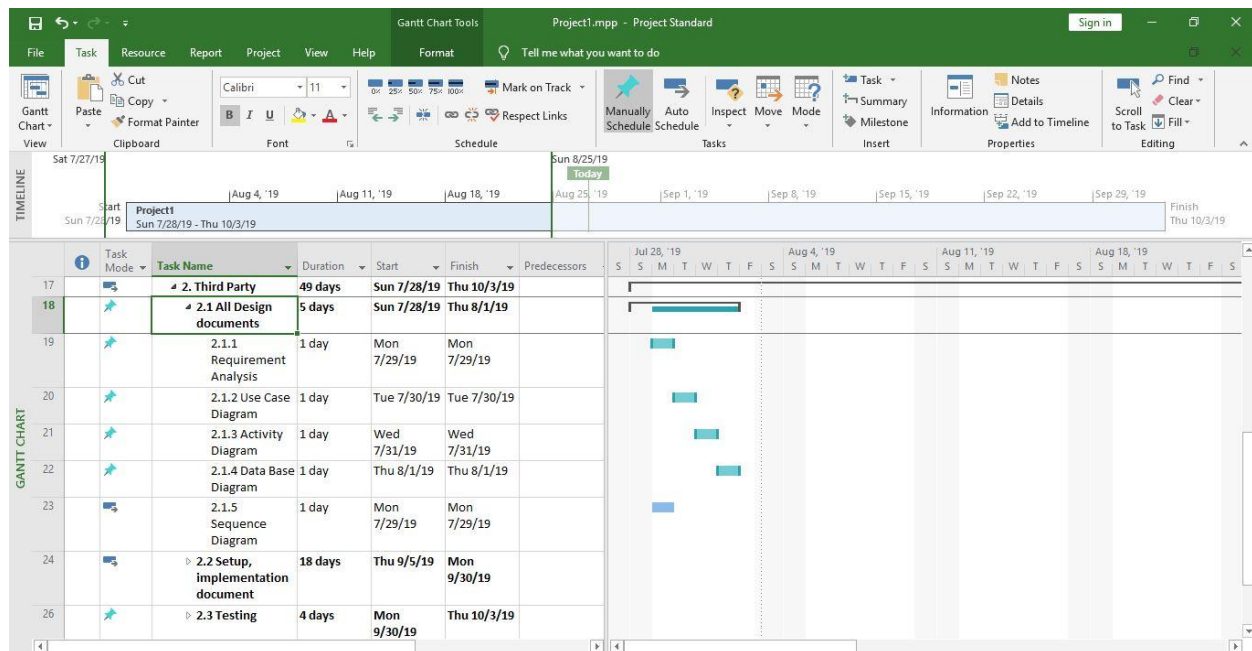


Fig1: Third Party Application time scheduling Gantt chart

### Learning Experience:

In my internship period I learned lot of thing which will be helpful for my future professional life. Now I will describe what learned after joining GTR.

1. When I prepared our first project documentation, I knew about an online diagram software <https://www.draw.io/> which is very helpful and easy to draw diagram.
2. To scheduling our project timeline, I learned Microsoft project management tool.
3. To implement chat application, we use SignalR library. I have no idea about SignalR. For developing this application, I learned what is signalR library and how its work.
4. To implement chat application, we use java query. Before I had less ideas about java query. To working purpose, I learned jQuery.
5. In our chat application we use SignalR Hub. Before I had no idea about SignalR Hub. I learned how to configure signalR Hub.

## Project Demo:

Here I will try to present our project demo.

Link: <http://103.106.236.213/gtrchat/Login.aspx>



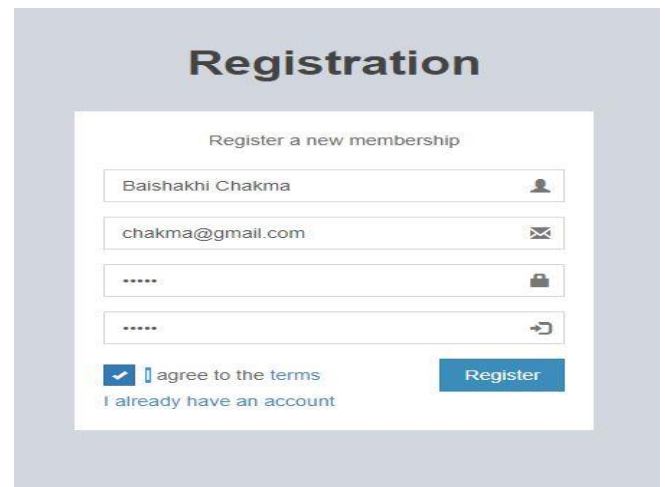
**Gorai.com**

Please Login to Proceed

chakma@gmail.com

.....

Login New User - Registration



**Registration**

Register a new membership

Baishakhi Chakma

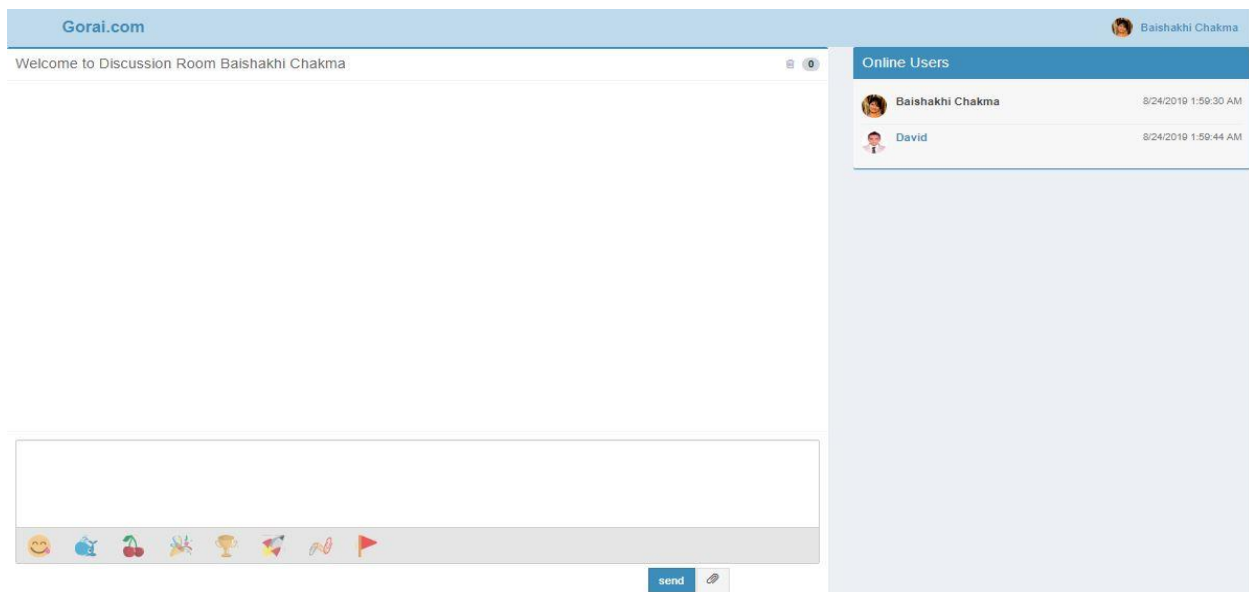
chakma@gmail.com

.....

.....

☒ I agree to the terms  
I already have an account

Register




**Gorai.com**

Welcome to Discussion Room Baishakhi Chakma

Online Users

User	Time
Baishakhi Chakma	8/24/2019 1:59:30 AM
David	8/24/2019 1:59:44 AM

send



**Baishakhi Chakma**

Hi

8/24/2019 1:54:47 AM

Baishakhi Chakma

Hello ..

8/24/2019 1:54:59 AM

David

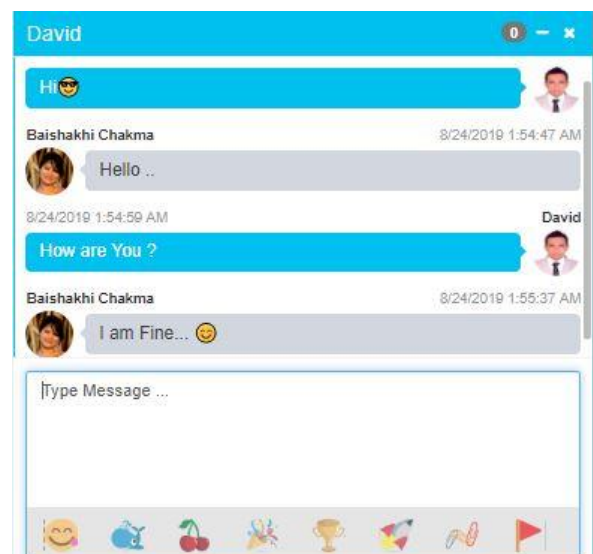
How are You ?

8/24/2019 1:55:37 AM

Baishakhi Chakma

I am Fine...

[Type Message ...]



**David**

Hi

8/24/2019 1:54:47 AM

Baishakhi Chakma

Hello ..

8/24/2019 1:54:59 AM

David

How are You ?

8/24/2019 1:55:37 AM

Baishakhi Chakma

I am Fine...

[Type Message ...]

***Conclusion:***

To prepare our project I face some problem. Although I've been able to solve many problems using google, but if we had a software developer here, it would be great for us. In my internship period I wish I will learn lot of thing.