Social Media

Team name: Atom

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1.1. Overview

1.1.1. Background

If a person or a businessman wants to communicate or deliver some product with a distant friend or buyer, even if we want to convey our important message to our own people. In that case we have to go to that person and deliver it, it will waste a lot of our important time and it will also be more expensive. Otherwise, if we want to convey our message to many people at a certain time, it is very difficult to perform and it is more time dependent. If we are find our friend or distant person information it is also time consuming things. Which will have a profound effect on our personal lives and careers.If we want to record our daily activities and update them according to our new activities. So this issue is very difficult to solve in our traditional way and it is almost impossible.

1.1.2. Objectives

(Community) is a social network platform. It can give us a better communication system through which we can put an end to the traditional difficult communication system and this social network platform ensures the security of users information.This social network platform allows a friend to communicate with his remote friend via text message or voice call or phone call. And there are different types of small entrepreneurs who have businesses that can conduct their business activities through this social media platform. Here the social media platform will be responsible for Shipping products and giving them a large number of Audience.The system will have a level of users.Community system users will only register users.

The users will be:-

1. System Administrator
2. Normal People
3. Businessman

The list of operations that the system will provide are-

1. Provide a user profile.
2. Any user of our system should be able to have members, groups or pages by their name.
3. Members should be able to send and accept / reject other members in this social media platform.
4. Members should follow other members without becoming their friend.
5. Any member should be able to send messages to other members.

6. Members should be able to create new posts to share with other members/ their friends.
7. Members should be able to search through posts for a word.
8. Members should be able to add comments to posts, as well as likes or dislikes or share a post or comment.
9. All Members can be developed a profile as like as a portfolio add their some basic information like educational qualification , location,etc;
10. A member can create his business profile through some requirements such as NID card/passport/birthcertificate for running a business on this platform.Here the community gives them a transport facility for shipping their product .
11. The system should send a notification to a member whenever there is a new message or friend request or comment on their post or business update .
12. Members should be able to create groups as well as join already created groups.
13. All members should control public/private his regular posts or information.Which have already given up on this social media.
14. All members should be able to live stream, video call, audio call , message and voice chat etc facility to communicate.

1.1.3. Scope

Community is an online social networking service.It will be used to communicate with people remotely and to deliver a merchant's product in a very short time and the (Community) or social media platform service is an online platform which people use to build social networks or social relationships with other people who share similar personal or career interests, activities, backgrounds or real-life connections.This social media helps to share message between a person to another person. It gives us a modern platform to communicate remotely with people in a very short time. Here all users can communicate with other users through the post and they will be able to read messages. Users access the community through the internet.If a member of the community platform wants, he can connect with another member by looking at their profile.

Since a trader can do business on our platform, our platform will give him a product shipping facility. So a client can contact his seller through our platform if he wants.The seller and the buyer will always receive his order state /status notification through the Community platform. This platform saves the human valuable time from traditional communication.

1.1.4. Assumptions and Constraints

It is very easy to communicate through the internet. So we think every user will feel much more comfortable communicating through the internet with a location in a specific place.In this case, people need to have a basic idea about the Internet and have an idea about surfing Internet websites or Android applications or mobile applications.Our system will be based on English language so every user must have knowledge of Basic English and also known Bangla language to basic communication.Since our platform has login and sign up facility for registering, every user should have an idea about password and username.

1.1.5. Dependencies and Risks

To use the system, each user must have an internet connection and the system must have a specific device for the operator to operate the system.The biggest problem with an online system is hacking or data theft so to avoid it all our users need to be careful especially those who operate the administrator account have to be extra careful and bring our system under audit regularly and all its problems or Errors must be resolved.

1.2. Project Delivery

1.2.1 Deliverables

The following contents will be delivered with the project:

a.   Project CD

      i. Project Demo

      Ii. User manual along with tutorial

  2.   Documentation

1.2.2 Timescales

The time frame for implementing the project is given in Figure 1.2.1.

1.2.3 Work Distribution

The work distribution of the project is given in Table 1.2.1.

1.2.4 Project Resources

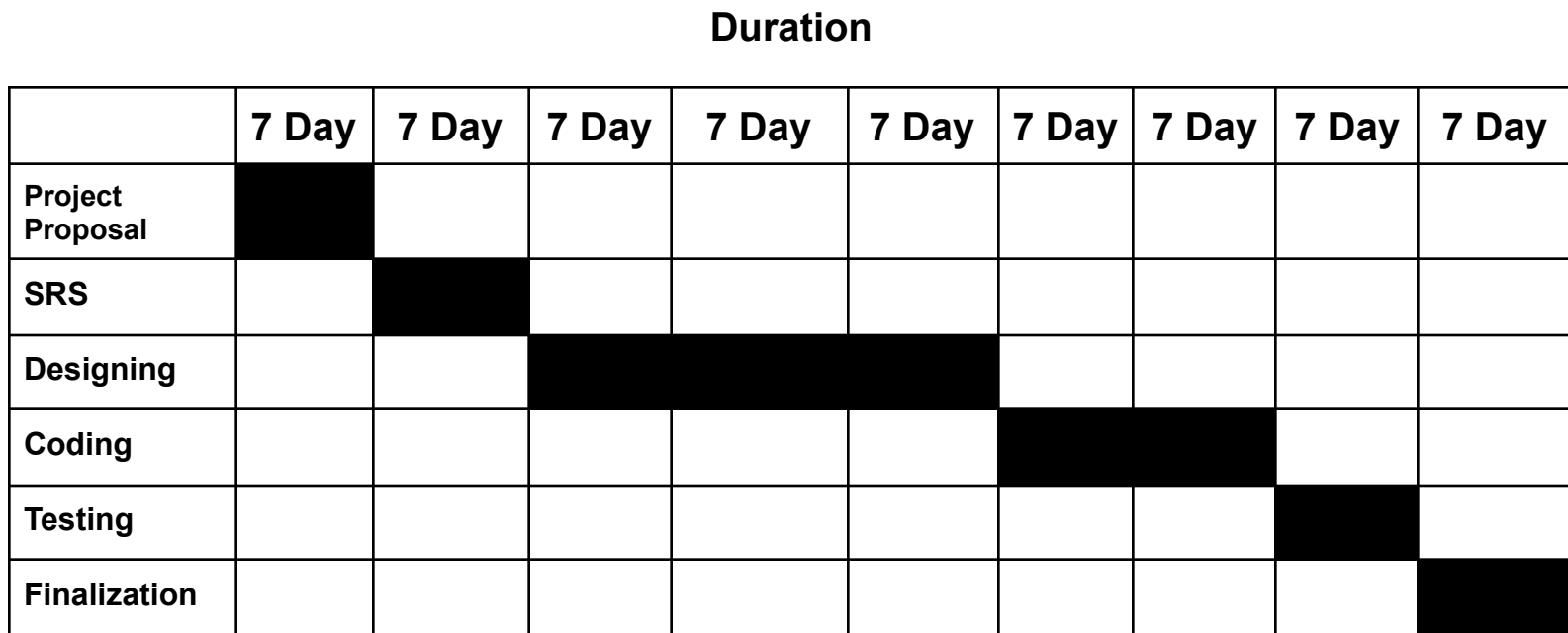The resources required to finish the project are given in Table 1.2.2.

Duration

	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day
Project Proposal	■								
SRS		■							
Designing			■	■	■				
Coding						■	■		
Testing								■	
Finalization									■

Figure 1.2.1: Time frames for project implementation

Project Proposal	MD. Mustafizur Rahman Md. Tahsinul Islam	7days

Software Requirement Specification	**MD. Mustafizur Rahman** **Md. Tahsinul Islam**	**7days**
Software Design	**MD. Mustafizur Rahman** **Md. Tahsinul Islam**	**21days**
Coding	**MD. Mustafizur Rahman** **Md. Tahsinul Islam**	**14days**
Software Testing	**MD. Mustafizur Rahman** **Md. Tahsinul Islam**	**7days**
Project Finalization	**MD. Mustafizur Rahman** **Md. Tahsinul Islam**	**7days**

Table 1.2.1 Work Distribution

Hardware		
Processor	**RAM**	**Hard Disk Space**

| Pentium Gold/A5/Mediatek a25 or higher | 1GB or higher | 500 MD or higher |

System Requirements	
Operating system	**Database**
For users no specific OS is required. The server machine must have Windows7/windows10/Android 8 or higher/ linux along with .NET framework 4 and IIS	SQL Server 2019

Table 1.2.2 Project Resources

1.3. Summary

The main function of this community platform is to reduce the amount of time a user spends communicating and to reduce the type of problems that a user may have through communication. We can also say that small business owners who are not able to do business due to their product delivery will also be able to do business here because the community platform will take the responsibility of delivery and it will also provide a larger Market platform and business support for all users who want to start his small business in the community platform through creating his business profile.So in the end we can say that the main function of the community platform is to save people's important time.

1.4. References

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