



CHANDIGARH UNIVERSITY

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MINOR PROJECT

Rubrics I

TITLE: SOCIAL NETWORKING SITE

MCA CC & DEVOPS

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Submitted to:

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Acknowledgement:

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I. Abstract

Social networking sites (SNSs) are online communities where users can make public profiles of themselves, communicate with friends in real life, and connect with others who share their interests.

The largest worldwide information platform available on the Internet nowadays is social media. As more individuals spend time online socialising, they have grown to be an essential part of our daily life. As they have become more commonplace in our lives, they have seen an increase in their collective fortunes. These technologies have ingrained themselves deeply into popular culture. Making online social networks, nevertheless, poses privacy issues with potential abuse.

II. Introduction of the Project:

A social networking service includes each user (often a profile), and it focuses on websites that enable communication or relationships between real-life people with comparable interests, hobbies, backgrounds, and connections. a symbol of the interpersonal relationships and myriad other services More social networking platforms appear, offering consumers online communication tools like email and instant messaging.

Online connectivity and technology are required for online social networking. Smartphones, tablets, and PCs can all be used by users to browse interactive websites. The majority of social networking sites, which are found at the bottom of search results, organise, store, and retrieve data using sophisticated programming languages like Python.

The major goal of this service is to strengthen and enhance your relationships with your friends. By reaching out to people you have never met before, the social network can assist you in maintaining current relationships and establishing new ones.

III. Client Identification and Recognition of Need

The particular requirements of a social networking site will change depending on its target audience, goal, and features. However, by being aware of the client's requirements, the developers may design a website that lives up to their expectations and accomplishes their objectives.

Here are some examples of specific needs that a social networking site can address:

- Connecting with friends and family
- Finding and making new friends
- Sharing photos and videos
- Networking with professionals
- Learning new things
- Finding support groups
- Getting involved in social causes
- Promoting businesses or products

IV. Project Identification

An online or social networking community created to make social life more lively and exciting is the social networking website. By connecting with people you've never met before and sharing films and dispatches, the social network can help you keep your relationships strong. The most important global information platform currently available on the Internet is social media. They have evolved into a need in our day-to-day activities as people spend more time online interacting. They have seen how their cooperative fortunes have improved as they have become more commonplace in our lives.

These technologies have ingrained themselves deeply into popular culture. However, building online social networks raises concerns about protecting businesses from potential exploitation. Product seeks to provide a reputable web-based social networking platform.

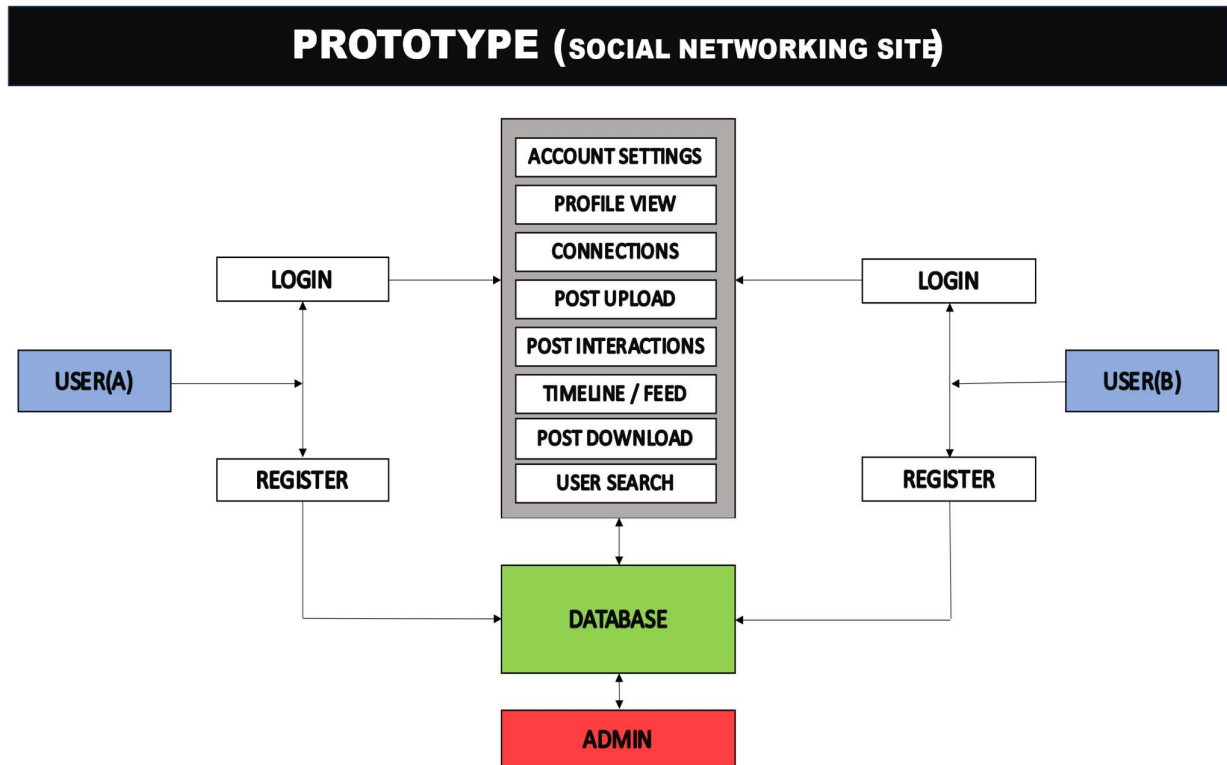
A well-established web-based social networking system is what the product aims to give. This outlines the scope, functions, needs, and viability of a networking system. This project intends to create a website that facilitates network communication and functions very similarly to social networking sites like Facebook, Orkut, etc.

V. Project Planning:

This project uses the SDLC, or software development life cycle, as its project methodology. A methodology for describing the complete development process is defined by the life cycle. This system is being built using an agile paradigm. It also goes by the names incremental and iterative model. The project will be broken down into phases with an emphasis on ongoing collaboration and improvement using the agile methodology. Teams go through a cycle of planning, carrying out, and assessing. The following stages are a part of this methodology:



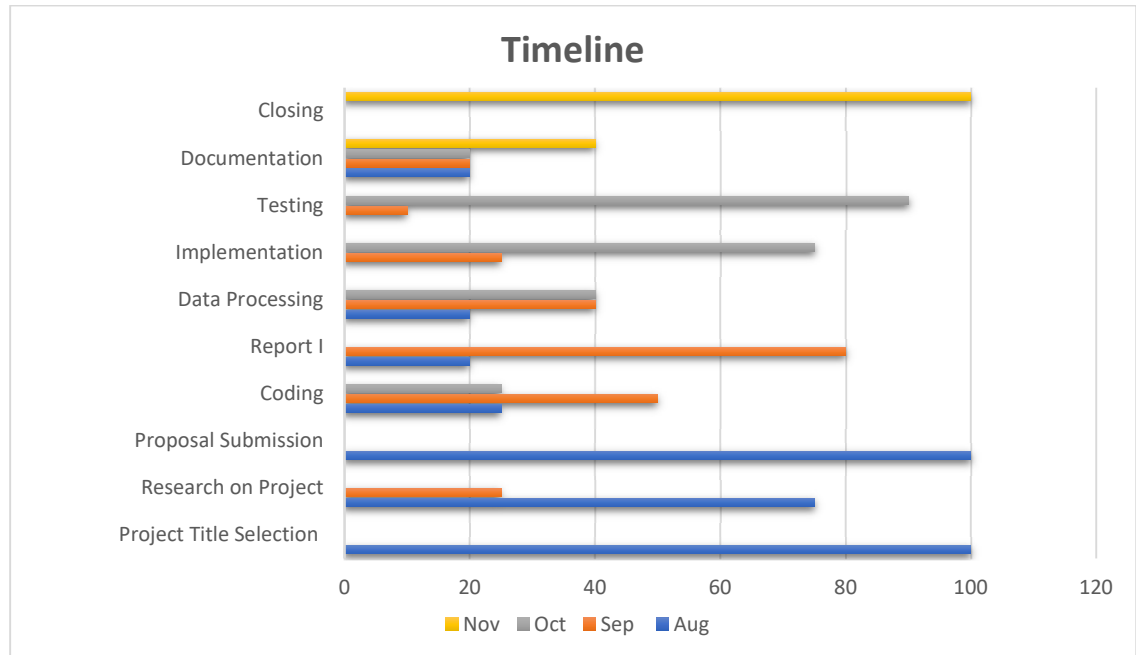
VI. Project Prototype



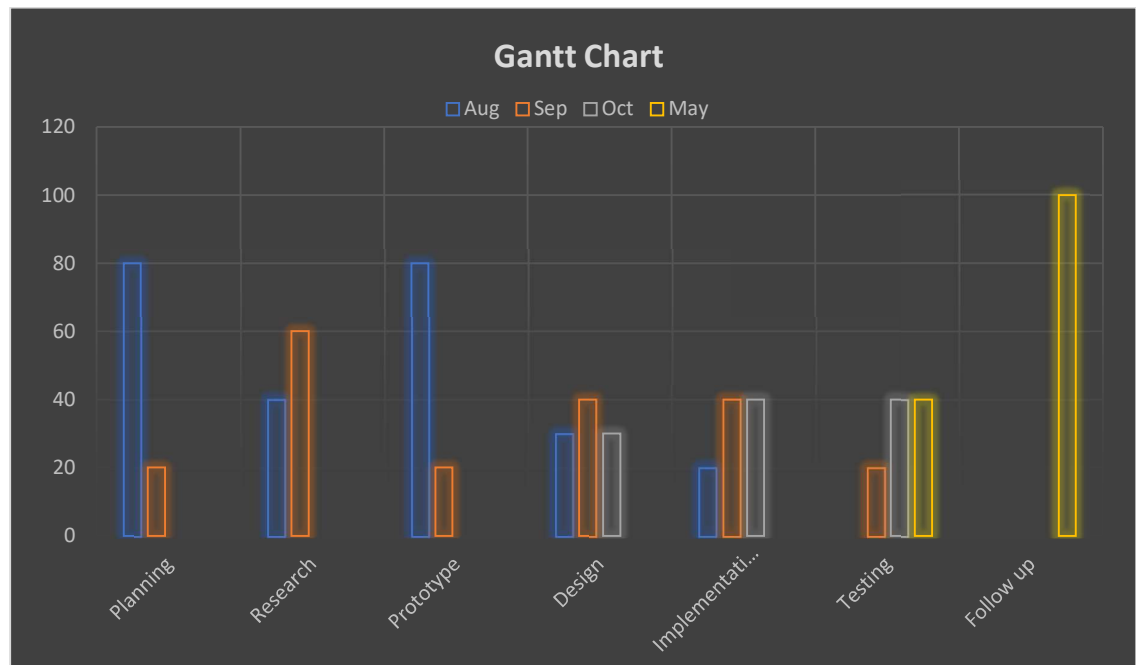
VII. Software Requirement Specification:

- Operating System: No particular OS required because Python is platform independent
- Front-end: HTML, CSS, JAVASCRIPT, BOOTSTRAP
- Back-end: Python Django, PostgreSQL
- Integrated Development Environment (IDE): Visual Studio Code

VIII. Timeline of the Project :



IX. Gantt Chart of the Project:



X. Conclusion:

Social networking websites are a ground-breaking concept with a very promising future and plenty of opportunity for development. Numerous organisations are embracing this medium to enhance their procedures due to the vast alternatives it offers. Organisations are no longer dependent on the media to spread their message or promote them. Using social networks, they can market or communicate more successfully. For instance, Starbucks has introduced a highly successful programme that allows anyone in the globe to log into a website, post comments, and engage in discussion about various topics.

Even with all the benefits, there is still the issue of information load and security. In contrast to traditional media, social networks don't follow a set protocol for when and how vital information should be shared. Information that is too significant could confuse drug users. Security could be yet another area of concern where information on a stoner could be obtained unlawfully. Although social networking appears to have a bright future, it must yet work through its issues.