



# Proposal For GeoSocial Web Application

**Meet@NSU**

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# Chapter 1

## Introduction

### 1.1 What is Meet@NSU

Meet@NSU is a Geo Social / Social media application designed specifically for university students to improve communication amongst them, meet new people, and combat sadness brought on by the routine nature of university life. providing a safe, cost-free, and user-friendly atmosphere, and allowing one to get to know students from other departments, cultures and universities

### 1.2 Why Meet@NSU

We go to university to get a more in-depth knowledge of a subject that fascinates us. Some students experience loneliness or unease in a new environment as they leave behind their college life. Being university students, we have witnessed people having trouble interacting with others or, occasionally, expressing their emotions to someone in an unfamiliar setting. Due to this, we saw a need for an app that will close the communication gap and make it simpler for the students to talk to each other without giving it a second thought.

## 1.3 What are the Features

With an unique idea in our mind, we came up with a plan for [Meet@NSU](#) which includes:

- Register with Verified University email, So that, there lies no fake profile
- Seeking for help with one's Assignment, Project, Transportation, Course related Topic and for any University/Personal need by using a Hashtag
- NO ROOM FOR HARASSMENT. Due to the fact that every member has a verified university email address, we offer a secure environment for you to establish friends and the ability to report those who act inappropriately.
- Creating a post and Adding a Suitable Hashtag for the post
- Being Notified when someone comments on a post by Email

### **In-future Upgrade:**

- Random Friend Generator for Everyone
- Mega All-user Chat Server and Anonymous user Chat Service
- Find-A-Partner Portal for Interested People

# Chapter 2

## User Story

### 2.1 Use Case 1

Mr.String have just found about Meet@NSU

- String goes to Meet@NSU site
- String Heads to Registration Page
- String Includes required information
- String gets a Authentication Token in his Mail
- String's account is activated!
- String Creates a Hashtag for Him
- String Creates a post using that Hashtag
- String Logs out and go to his Class

## 2.2 User Case 2

### Ms.Spring is already an User

- Ms.Spring clicks on the log-in button.
- Ms.Spring enters her credential
- Ms.Spring gets an invalid Credential Error!
- Ms.Spring Enters right password and login successfully
- Ms.Spring Watches Mr.String's post
- Ms.Spring creates a comment on Mr.String's post and tries to help him and meet with him at NSU
- Mr.String watches the comment on his Email, and Replies to her comment
- Ms.Spring logs out and goes to the campus to meet with Mr.String

## 2.3 Wait! There are some boundaries

- If Mr/Ms Hecker do not have a Valid University Mail, They can not join Meet@NSU
- You can not join the main **CAMPUS** platform and meet other University students in the demo Version - which will be paid feature in future upgrade
- In anonymous chat, you can not force anyone to reveal their identity unless they do it on their own

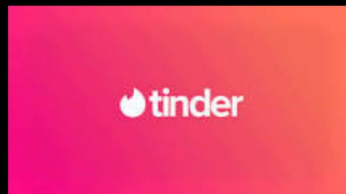
# Chapter 3

## Solution Description

### 3.1 Architecture

Meet@NSU has a strong architecture as it includes Spring Boot as Back-end, Angular JS as Front-End and MySql as Database. Using REST calls, We imply the Back-end and Front end Calls

Existing Example Social Media / Geosocial Media Platforms:





## 3.2 Back-end Overview

- Registration and Login
  - Registration using University E-mail Account
  - Verification through a Activation Code sent to the Mail
  - Login by using Valid Credentials
  - Updating account information
- Hashtag and Post Creation
  - Creating Hashtag for particular topic or subject
  - Creating post with a relevant hashtag
  - Attaching necessary links with the Post
- Comment and Support
  - Commenting on any Post
  - E-mail notification for comments
  - Reporting inappropriate comments
  - Supporting by Up Vote or Down Vote

### 3.3 Front-end Overview

- Home Page
- Registration Page
- Profile Page
- Post Page
- View Post Page
- Hashtag View Page
- Hashtag Creation Page

#### NOTE In-Future Special Updates

- Anonymous Chatting Page
- Meet-a-Partner Page
- All-for-All Chat Page
- One-to-One Chat Page

### 3.4 Tools and Technologies

- **Database :** MYSQL
- **Front-End :** Angular JS
- **Back-end :** Spring Boot with Java and Maven Plugin
- **API :** MailTrap SMTP

## Chapter 4

### What are the Advantages


There are some major advantages of using Meet@Nsu, which will give Nsu students(Nsuers) easier and more safe platform to interact with each other. We would like to present them by the following points:

1. Only for University students: Mostly There is no appropriate social media platform available to university students where they can communicate with other students just on campus. Some university students are unable to form their ideal friendship network or buddies as a result of the open credit system, which causes them to remain introverted. Although we need to be a little extrovert to survive in the business world. Our Meet@Nsu can be useful in this situation. We are working to provide them with a suitable social media platform so they may become more outgoing and open-minded and do better in their professional lives as well. We hope that since there won't be any outsiders (non-university students), students will maintain the platform clean, unlike other social media. This serves as a platform to connect the nation's youth and bring them together.

2. Security: We made every effort to create our platform the most safe social media site for university students. We three shall keep an eye on everything (Authors). And we'll work to maximize the platform's potential.
3. Mental Boost: Everyone was confined to their homes in 2019–2021 due to the epidemic and their dread of the Covid-19 virus. Most students become introverts as a result of the significant time gap between gatherings with friends and other people. Everything was online then. As a result, several individuals have yet to use the offline system. As a result, they are reluctant to approach others and introduce themselves. To solve the issue of their being introverts, we intend to encourage them to speak on our platform and then meet at campus. We believe the action we are taking will have a favorable outcome and will give the students the necessary mental boost to continue their academic careers profoundly.
4. Establishing a sense of community among all university students in the nation: We are launching the website with our University, North South University, first (NSU). Meet@Nsu is the resultant name. However, our long-term goal is to expand the community to include all university students across the nation, allowing students from various backgrounds to interact and become more effective. We intend to create other websites for various universities, including Meet@EWU, Meet@DU, Meet@AIUB, and others. There will be a premium edition available where students can explore more and engage with other university students.

# Chapter 5

## Collaboration Plan

<div> Meet@NSU</div> <div>Collaboration &amp; Contribution</div>			
FEATURES	TANVIR AHMED KHAN	MOHAMMAD SHAZZAD HAQUE	TASNEEM ABDULLAH AURNOB
Back-end Service	✓		
Front-end	✓		✓
Database Management	✓	✓	
JWT Security	✓		
Server Configuration	✓		
Functional Testing	✓	✓	✓

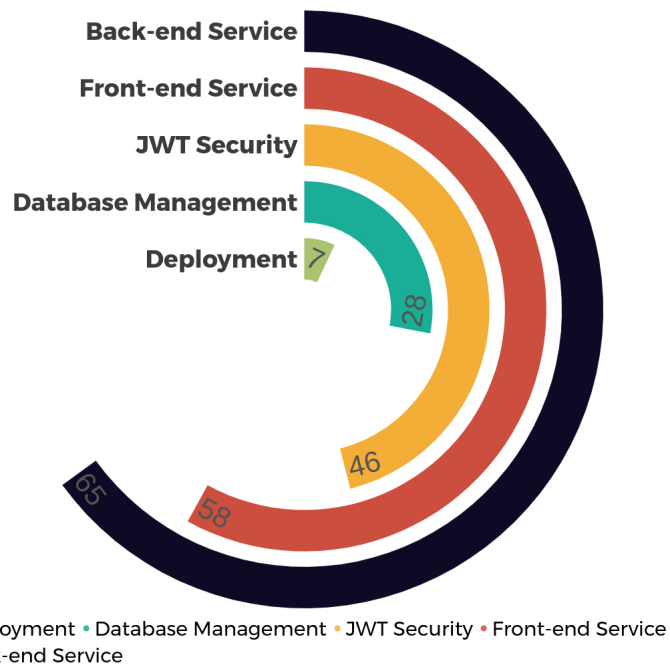
# Chapter 6

## Project Schedule

Development for the Beta Version - Phase 1

Presented Through a Chart with Ratio of Days

### PROJECT SCHEDULE



# Chapter 7

## Project Screenshots

The screenshot shows the 'Who are You!' registration form on the 'Meet @ NSU' website. The form includes input fields for 'NSU E-Mail Address' (demo@northsouth.edu), 'User Name' (demoMan), and 'Password' (masked with asterisks). A 'SIGN UP' button is located below the password field, and a link for 'Existing user? Log In' is provided.

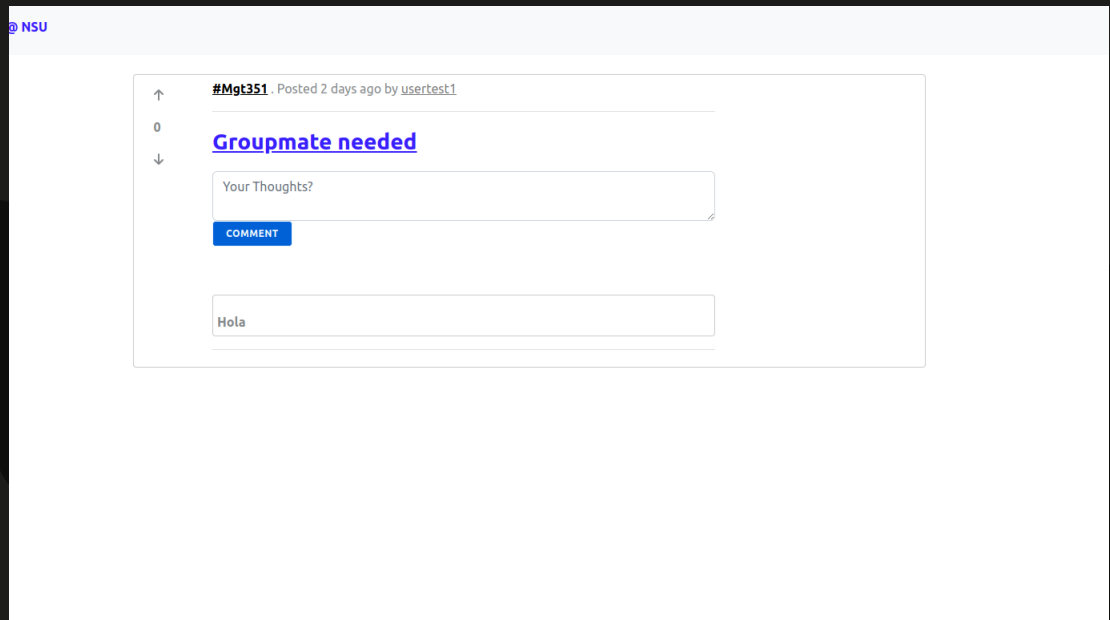
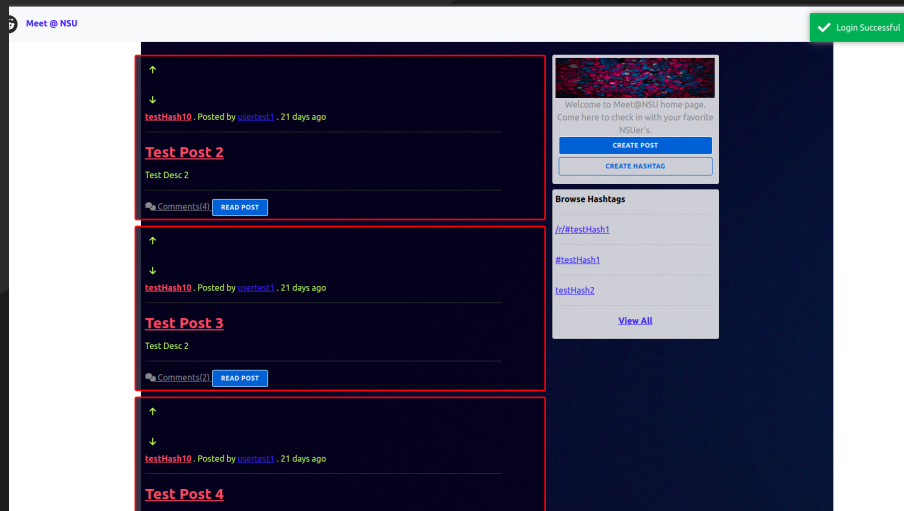
Who are You!	
NSU E-Mail Address	demo@northsouth.edu
User Name	demoMan
Password	****
<a href="#">SIGN UP</a> Existing user? <a href="#">Log In</a>	

The screenshot shows the 'Welcome \*\*Login\*\* Back' login page on the 'Meet @ NSU' website. A green notification banner at the top right indicates 'Signup Successful'. The login form includes input fields for 'Username' and 'Password', a 'LOGIN' button, and a link for 'New to Meet@NSU? SIGN UP'. A green message box at the bottom states: 'Please Check your inbox for activation email activate your account before you Login!'.

✓ Signup Successful

Welcome **Login** Back	
Username	<input type="text"/>
Password	<input type="password"/>
<a href="#">LOGIN</a> New to Meet@NSU? <a href="#">SIGN UP</a>	
Please Check your inbox for activation email activate your account before you Login!	





# Chapter 8

## Conclusion

Meet@Nsu is an online social media for University students to make their networking better among each other. The main agenda of the website is to bring together all the university students of the country and make an amazing community. Students from every University will be a part of the community and they will contact to each other through the website.

- Meet@Nsu is a futuristic Social media for the young generation Bangladesh.
- Students from every Universities of the country will take place as a member of the community.
- Students will make their thoughts advanced by connecting to each-other sharing their thoughts.
- Meet@Nsu is a very secured app.

In a nutshell, we promise you an unique experience, Beyond Your Imagination!

# Chapter 9

## Appendix

### Contact information:

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