# Software Requirements Specification

# for

# MicroBlogging

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Prepared by Rahi Shah

Meet Shah

Aditya Shanbhog

Dharmsinh Deasi University

# Introduction

## Purpose

The purpose of this application is to connect the people form all over the world. Social Networking application allow users to communicate with the people, share ideas, activities, events and interests within their individual networks. There are hundreds of the application like Facebook, Twitter, etc. that have attracted millions of users and many of whom have integrated these sites into daily practice.

## Product Scope

The social networking application is an online community designed to make social life more active The social network can help you maintain existing relationship with people and share pictures and messages and establish new ones by reaching out to people who you have never met before. This also provide the group functionality so that the friends can share their thoughts and other related information so all the group members can see it.

## References

<List any other documents or Web addresses to which this SRS refers. These may include user interface style guides, contracts, standards, system requirements specifications, use case documents, or a vision and scope document. Provide enough information so that the reader could access a copy of each reference, including title, author, version number, date, and source or location.>

# Overall Description

## Product Perspective

Product intends to provide a well established social networking system. This documents a networking system scope,functionality, requirements and feasibility. This project aims to develop a application which provides a communication among users on network, which works quite similar to Social Networking sites like Facebook, Twitter,etc.

## Product Functionality

* To have attractive and secured Login page to access
* Make new user account more friendly and proper validation of details.
* Search people easily on entire network.
* Send Friend request to other users.
* Creating a public profile having social, professional and personal information.
* Can edit his profile picture and his information.
* Can upload the pictures, thoughts and videos on his timeline.
* Can chat with his friends.
* Able to see the posts of his friends and can like and comment in the post.
* Can able to create the group and upload there.
* Easily change his/her password.

## Operating Environment

* Android Studio
* Neo4j Graph Database
* Java(For Background)
* Heroku, GrapheneDb(for hosting application and database)

## Design and Implementation Constraints

The main idea of this application is to connect the students of the particular college only. The users are also limited. We have tried to create the application like twitter but on very small domain. The chat facility is not included in this. The queries are not so optimize as well. So searching and else can take time.

System Features

## Functional Requirements

* 1. **Login**
  2. **Function for Searching**
  3. **Adding Friend**
  4. **Updating Status**
  5. **Uploading Images**
  6. **View News Fed**
  7. **Like and Comment on friend post**
  8. **Adding Group**

# Other Nonfunctional Requirements

## Performance Requirements

## Safety Requirements

## Security Requirements

## Software Quality Attributes

Includes: adaptability, availability, correctness, flexibility, interoperability, maintainability, portability, reliability, reusability, robustness, testability, and usability.