# **SRS DOCUMENT**

**1.    Introduction :**

This document is a software requirement specification for Blog. In this document, firstly we are going to define the problem and introduce purpose, scope, overall description & requirements of this project.

**Problem Definition :**

Projects are an integral part of any engineering student’s life. They are basically the hands-on practice of whatever you learn. However, projects without the right project partners end up becoming a bane rather than a boon but with a campus consisting of over 6000 students, it is difficult to find people with the required skill set.This project will deal with this problem and it will allow communicating with others and showcasing one’s skill set.

**Purpose :**

The purpose of the project is developing a platform for the students to connect. Target audience of the Blog is students of Vishwakarma Institute of Information Technology.

**Scope :**

The final product is a website that serves a new communication system. Users of the application will be able to:

●            Upload Images, Texts etc.

●            View the feed posted by other users.

●            Check their previous feed & uploaded content.

**Assumptions** :

* User must have a laptop or computer with internet access.
* Exclusive to VIIT students only.

**Overall Description** :

This part of the SRS is about general factors that affect the system and requirements of the system.        .

**Interfaces:**

**User Interface :** User interface of our application will be easy to use and understandable. It uses English. Moreover, the user is expected to know how to use devices like computer & laptops and to be able to write and read messages and use buttons. User interfaces are explained in details below:

* **Login Interface**: In this interface, there will be a login button by clicking on which the user provided info will be verified. There will be two input boxes for providing information.
* **Register Interface:** In this interface user register to the system by giving information of himself in the provided text field. There will be a button to register. After user filled the required fields with his/her related information (username, password, email etc.), click the register button and be able to login to the application.
* **Browsing interface**: In this interface, there will be content posted by others available to the user.
* **Uploading interface**: In this interface, the user can click on the upload option in the left panel and choose whether to upload an image or text in the dropdown menu of upload option.
* **Profile interface**: In this interface the user will be able to view and edit their profile which contains the user details like name, email id, password, year, division etc by clicking the option of Profile provided in the left panel after login.
* **History interface**: The user will be able to view their previous posts by clicking History option.

**Hardware Interfaces** : This application works on Computers & laptops. No other hardware is required.

**Software Interfaces** : Since this application is a website, it will only need a Windows OS in order to perform.

**Specific Requirements**: With this section and later, we will describe the requirements of the software in detail. We will categorize requirements in 2 which are namely functional requirements and non-functional requirements.

**Functional Requirements**: The function requirements include register & login buttons as well as History, Upload, Profile & Feed buttons.

**Non-functional Requirements**: Non-functional requirements are separated into usability, reliability, security, performance.

**Team Structure**: In our group, everyone contributes to each part of the work. Our members are below:

● Rahul Jha

● Ashutosh Agarwal

● Amruta Gurav

● Asmita Hanchate

● Dakshita Jena

**Process Model**: We use Agile Scrum software development modelling this project. Agile method is based on an iterative approach. Each iteration takes 2-4 weeks.

**Conclusion**: In this project, we aim to help people to connect. The SRS states system interfaces, user interfaces, software and hardware interfaces, communication interfaces and functional and non-functional requirements in detail. Developer of the project will make use of this document throughout the implementation process.