Software requirement specification

1. Introduction:
We are going to build a minimal and simple social media for your user community. Basically, this is the app is like something to be Twitter where people can tweet to spread their thoughts and feelings toward the world.

1.2. Intended Audience:
People of any ages of male or female who are equal or above 14 years old. Your main audience will be school going, students and girls.

1.3. Intended Use:
Our main targeted audience is people who are very much tired about their life and works and need some entertainment to get revived. People of different ages who are above or equal to age 14 can signup and use our service.

1.4. Product Scope:

This product will help people to keep connected with each other. They can share their feelings with others through message, pictures, etc.

1.5. Risk Definition:
Since this project will be a small social media, so here can some minor and big problem or risk. Here are some of them
- People's personal information can be leaked.
- After a certain time when people become more loyal on this social media, they maybe waste their valuable time on this.
- Their productivity can be hampered.

2.Overall Description :

2.1 User classes and characteristic:

2.2 User need :
This is a very minimal and simple social media for people so that they no need to face too much difficulty for using your service. Our main targeted audience is people who are very much tired about their life and works and need some entertainment to get revived. People of different ages who are above or equal to age 14 can signup and use our service. They can gather knowledge and make new friends.

2.3 Operating System Environment:
Since your application is actually a web-based so this is an os environment agnostic software. People can use from any environment whether he/she is in a pc/mac/android/ios.

2.4 Constrains:
Now we have 2 major constraints.
1. Which language we will use to develop your application.
2. What type of database we will use.
 3.All data should be stored in google App Engine.

2.5 Assumption:
  1.We choose php for quick development.
  2.Since no one among us is professional or semi-professional so we are not overly sure about our dateline. We need to put too much time on research and learning for this project.
 3. User must have a google account
4. User have javascript enabled.

3.Requirements:

3.1 Functional Requirements:

Create account : User have to create an account first by using valid mail id and password.   While creating an account user has to provide name,id,birthdate ,

Sending friend request : User have to log in first and have to go to the search option. In serach option user has to write user id name that current user wants to search.

Respond to friend request : User will get notification about new friend request . User can decide will the request will be accepted or not.

Status: People can send tweet/status via a large text box of home and profile page.

Give comment and reply: User can give comments in any post and reply them.
Follow people : User can follow other users to know them or their activities.

3.2 Non Functional Requirements:
 All Web pages generated by the system shall be fully downloadable in no more than 10 seconds over a 40KBps modem connection. Responses to queries shall take no longer than 7 seconds to load onto the screen after the user submits the query.

Security Requirements
- SE-1: Users shall be required to log in to the system for all operations.
- SE-2: The system shall permit only staff members who are on the list of authorized administrators to create or edit brand.
- SE-3: The system shall permit users who are not project managers or administrators to view only their own information, not the information of other users.
- SE-4: All network transactions that involve financial information or personally identifiable information shall be encrypted