

## **1.Requirement and Specification:**

Currently, text based user communication is based on emails, messaging services provided by one's telecommunications provider or through the messaging application built inside a social media platform such as Facebook. In a company, there are so many media available for communication but not secure. So my application provides a reliable, scalable and robust platform for the team work.

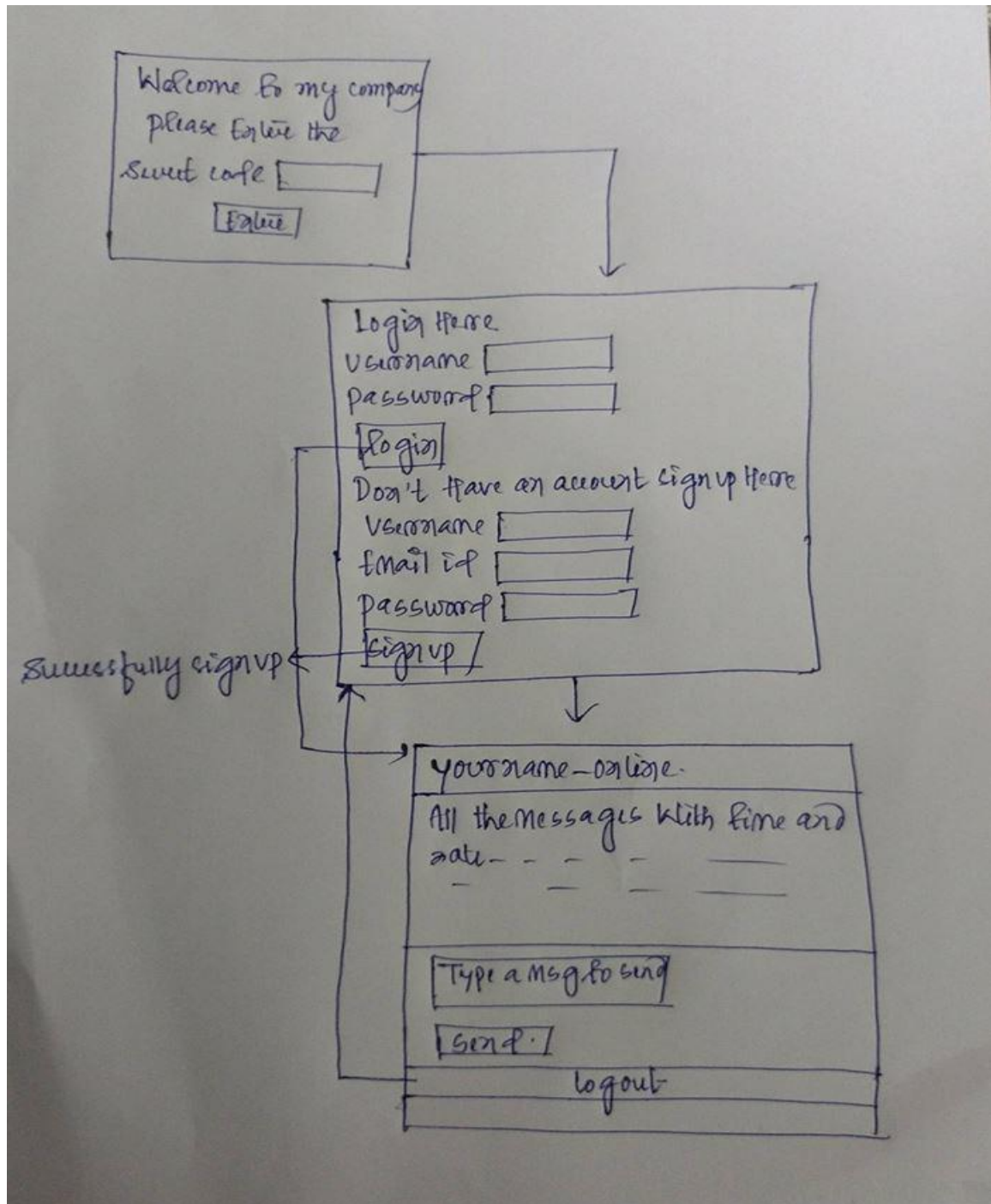
### **Current Version:**

1. My current version is reliable for group messaging. Before entering into the home(**First.html**), at first it will ask you to enter a secret code(**12345**) after successfully entering the code, you can be promoted to login/signup page.
2. To create an account, choose sign up option. After successfully signed up, it will show a message "sign up successful" in the URL.
3. Before messaging please enter your valid username and password. If anyone of the above is wrong then it will show a "page not found" message.
4. During group chatting you can see the particular date and time of the message. After the conversation you can logout your account by clicking on logout option.
5. Multiple messaging is also possible, it means at a time more than one person can send the message by using their respective account.
6. Its performance is good enough for the required use case, under the expected load and data volume.

### **Future Version:**

1. **Encryption**-My current version is working on HTTP site, in future it will be support HTTPS site also.
2. In this version of my application there is no delete option to delete the message. So the delete option will be introduced later in the future version.
3. **Scalability**-In future it will support the change log, the ratio of reads to writes in a database, the number of simultaneously active users in a chat room, the hit rate on a cache.

## 2. Wireframe Model:



## 3. Design Specification:


### Use Cases:

- User – sends a message to a group.
- User – views message history.

## Test Cases:

Serial No	Function	Expected Result	Actual Result
1	Verification	Error/Verified	Verified
2	Sign up	Failed/Successful	Successful
3	Login	Invalid/Successful	Successful
4	Logout	Successful	Successful

## 4. Samples/MVP(Minimum viable product):



Welcome To My Company

please Enter the

Secret Code:

Secret code=12345

## Login Here

Username

Password

## Don't have an account sign up here

Username:

Email Id:

Password:

## afrin-online

afrin ::hiii--2018-07-02 11:16:16

afrin ::hello--2018-07-02 11:16:47

afrin ::how r u--2018-07-02 11:37:45

afrin ::whats up--2018-07-02 12:19:24

afu ::hiii--2018-07-04 00:49:17

Type to send message....

[logout](#)