UI Design Document

MyStudyGroupPlanner

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3/8/2016

[MyStudyGroupPlanner]
User Interface Design Document

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1. Introduction

1.1. Purpose of This Document

The purpose of this document is to demonstrate to the user how to utilize with the MyStudyGroupPlanner web application. An user interface walkthrough of the web application will be provided with images displaying different features and purpose of the application. By understanding this document, the user would have an visual representation of the interface they will be interacting with and comprehensively understand the purpose of the application.

1.2. References

1. MyStudyGroupPlanner System Requirement Specification

2. User Interface Standards

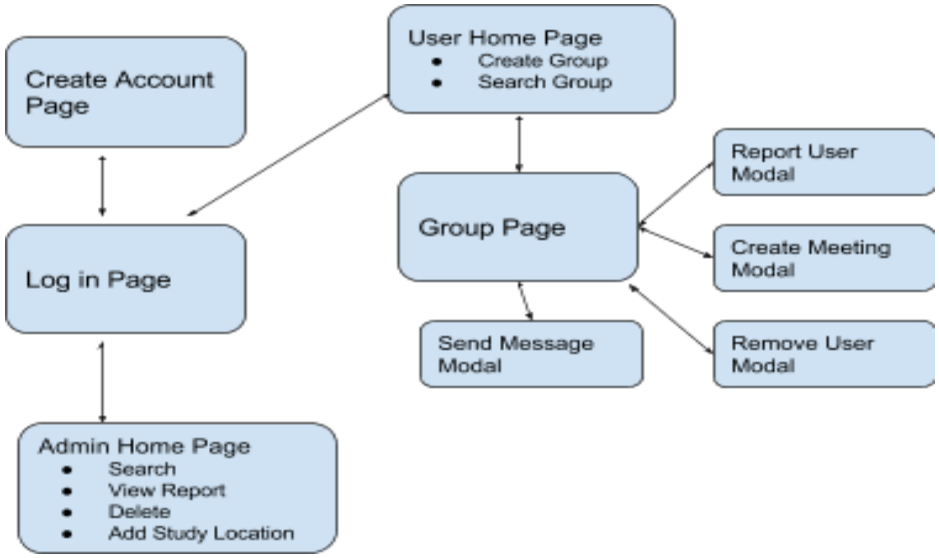
This section contains an overview of the design standards that will be maintained in the MyStudyGroupPlanner application. In order to provide a consistent and smooth work flow for the user when using the application, a consistent format of the web application is placed. As demonstrated by Figure 1.0, the logo of the application will always be centered at the top of the page and the username and notification icon will be displayed on the top right hand corner. The home page of the application consists of important information about the user's current group enrollment as well as any upcoming group meetings the user wishes to attend. To ensure that the web application is intuitive for the users, the user is able to click on the logo on the top of the page to navigate back to the home page. Furthermore, switching between the group pages can be accomplished on the home page by clicking on the name of the group of the home page.

For the pages that require multiple core functionalities, a tabs bar is shown for users to select to perform different tasks. For instance, the home page of the application contains two tabs, "Search" and "Create Group", for users to easily change between the two tabs (Figure 1.2). In addition, when further user inputs are needed when user clicks on certain buttons, a modal pop-up will overlay the current page and prompt the user for inputs. For example, when an user decides to set up a meeting within a group and clicks on the "Create Meeting" button on the group page (Figure 1.5), a modal pop-up will be shown to allow the users to input details about the meeting.

3. User Interface Walkthrough

3.1. MyStudyGroupPlanner Navigation Diagram

The following navigation diagram or sitemap explains possible user flow through the system.



3.2. MyGroupStudyPlanner Walkthrough

3.2.1. Log in

The first page the user will be interacting with when starting to explore the application is the login page. The user is required to input their username and password in order to log on to the application.

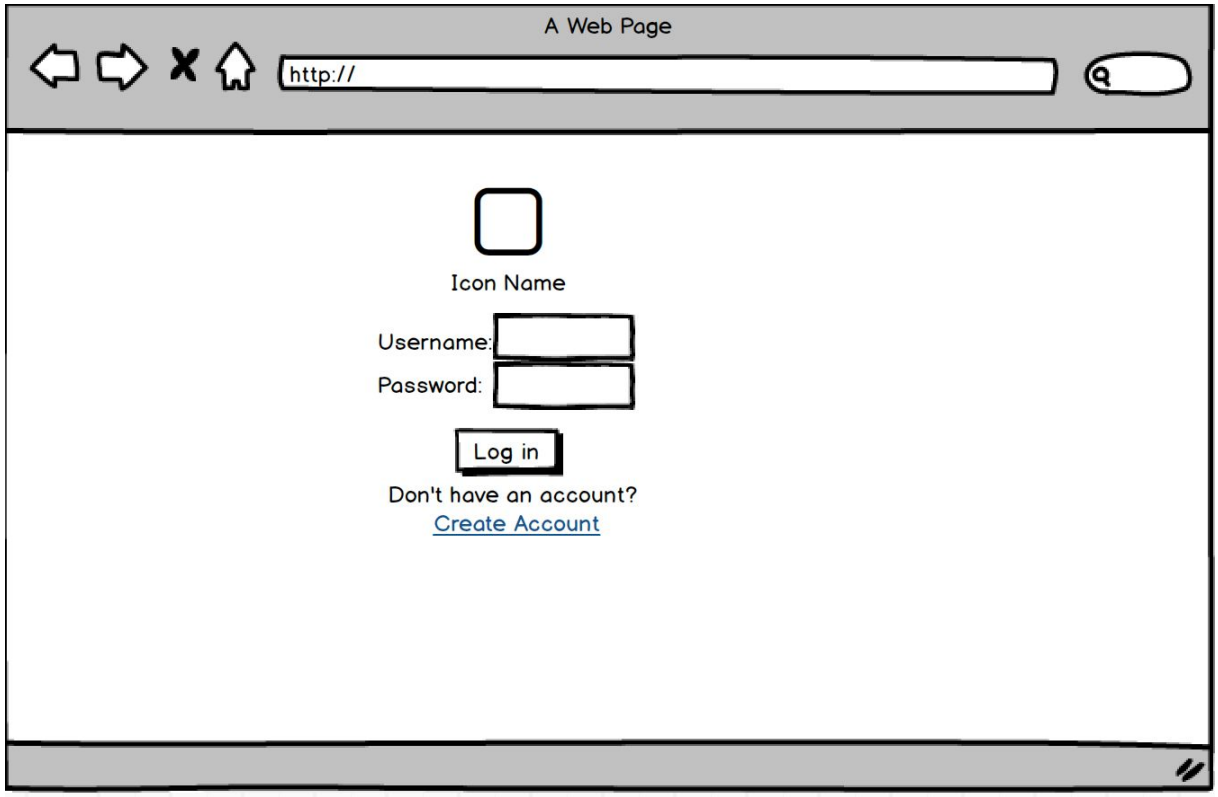


Figure 1.0

3.2.2. Create Account

The first page the user will be interacting with when starting to explore the application is the login page. The user is required to input their username and password in order to log on to the application. If the user has not registered for an account, the user can click on the “Create Account” link to follow the instructions to create an account.

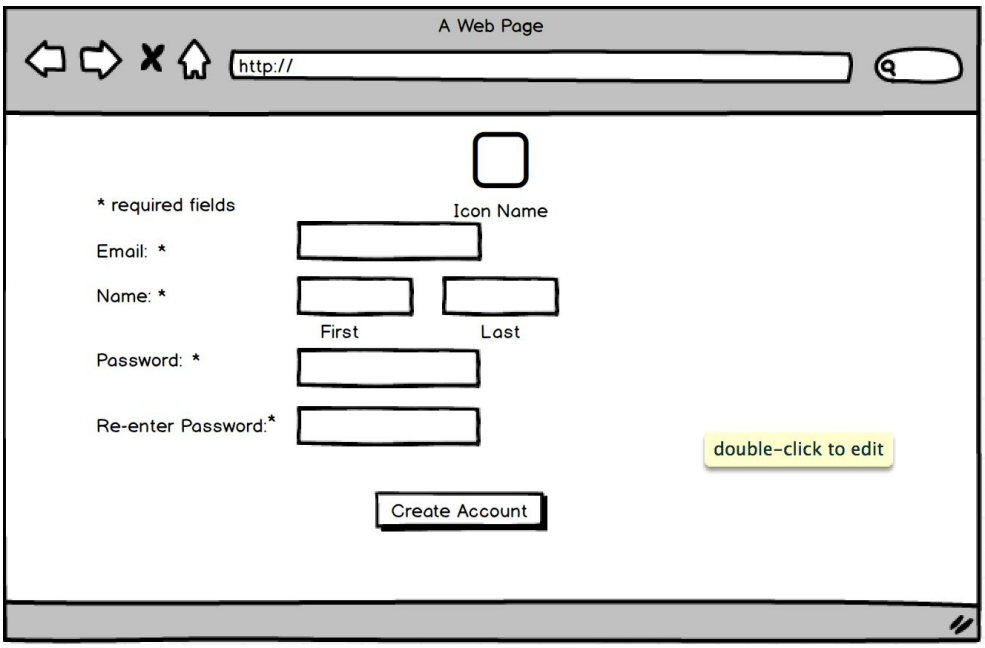


Figure 1.1

3.2.3. Home Page

After the user has successfully created an account and logged on the application, the home page will be shown. On the left-hand side of the page, several notable panels such as a list of currently enrolled groups, upcoming meetings, and a group chat room, will be accessible for the users. The top of the page includes two different tabs, “Search”, “Create Group”, and “Join Private Group” for users to easily switch tabs.

A Web Page
http://
Username
Logout
Icon Name
Search
Create Group
Join Private Group
Class:
* Subject
* Class
Section
Open Groups Only
Search
Current Groups
GroupName0
GroupName1
GroupName2
GroupName3
Upcoming Meetings
MARCH 2016
S M T W T F S
28 29 1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30 31 1 2
3 4 5 6 7 8 9
March, 5
MeetingName1 - GroupName0
Time: 7:00 PM - 12:00 AM
MeetingName2 - GroupName2
Time: 6:00 PM - 9:00 PM

Figure 1.2

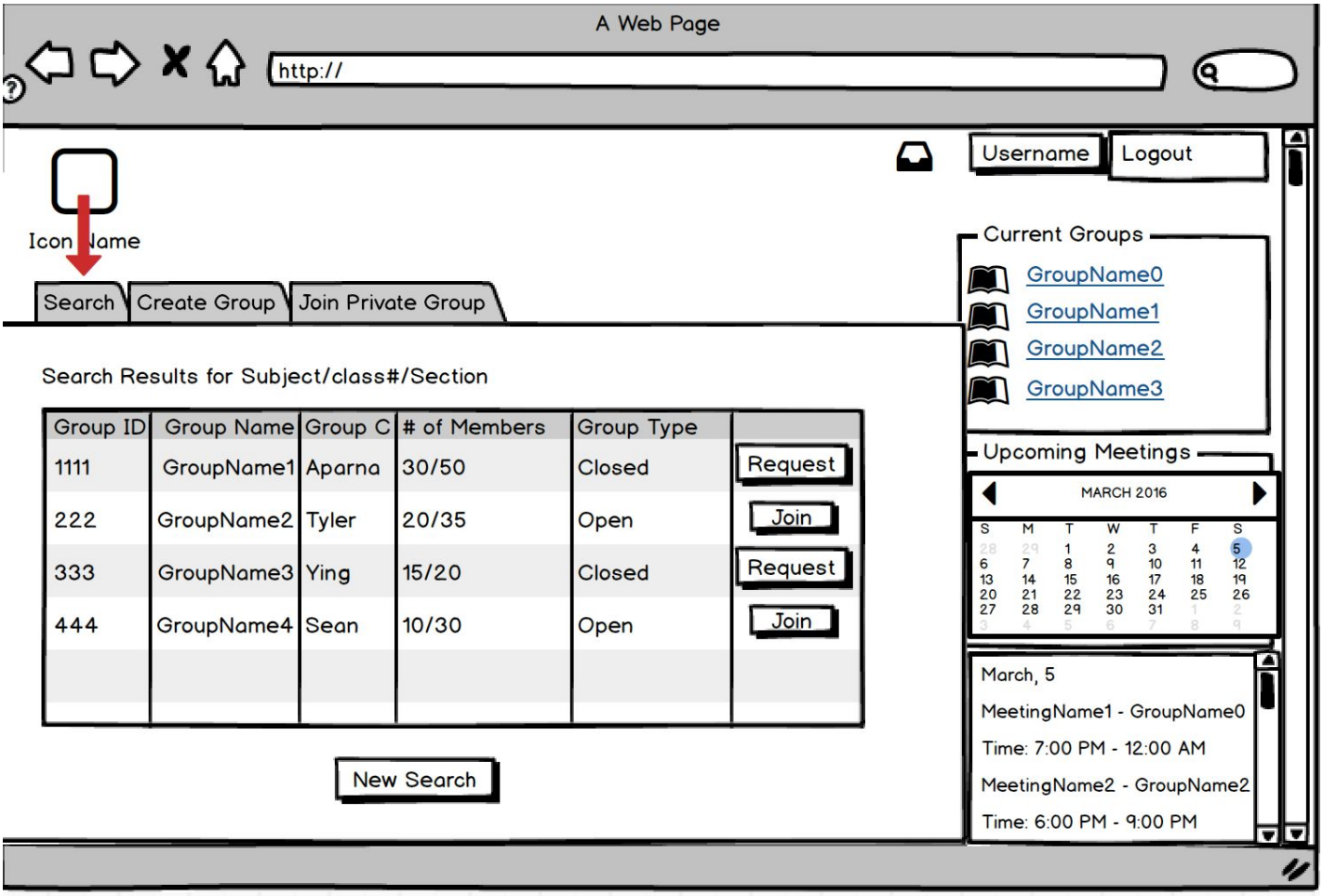

A Web Page
http://
Username
Logout
Icon Name
Search
Create Group
Join Private Group
Search Results for Subject/class#/Section
Group ID
Group Name
Group C
# of Members
Group Type
1111
GroupName1
Aparna
30/50
Closed
Request
222
GroupName2
Tyler
20/35
Open
Join
333
GroupName3
Ying
15/20
Closed
Request
444
GroupName4
Sean
10/30
Open
Join
New Search
Current Groups
GroupName0
GroupName1
GroupName2
GroupName3
Upcoming Meetings
MARCH 2016
S M T W T F S
March, 5
MeetingName1 - GroupName0
Time: 7:00 PM - 12:00 AM
MeetingName2 - GroupName2
Time: 6:00 PM - 9:00 PM

Figure 1.3

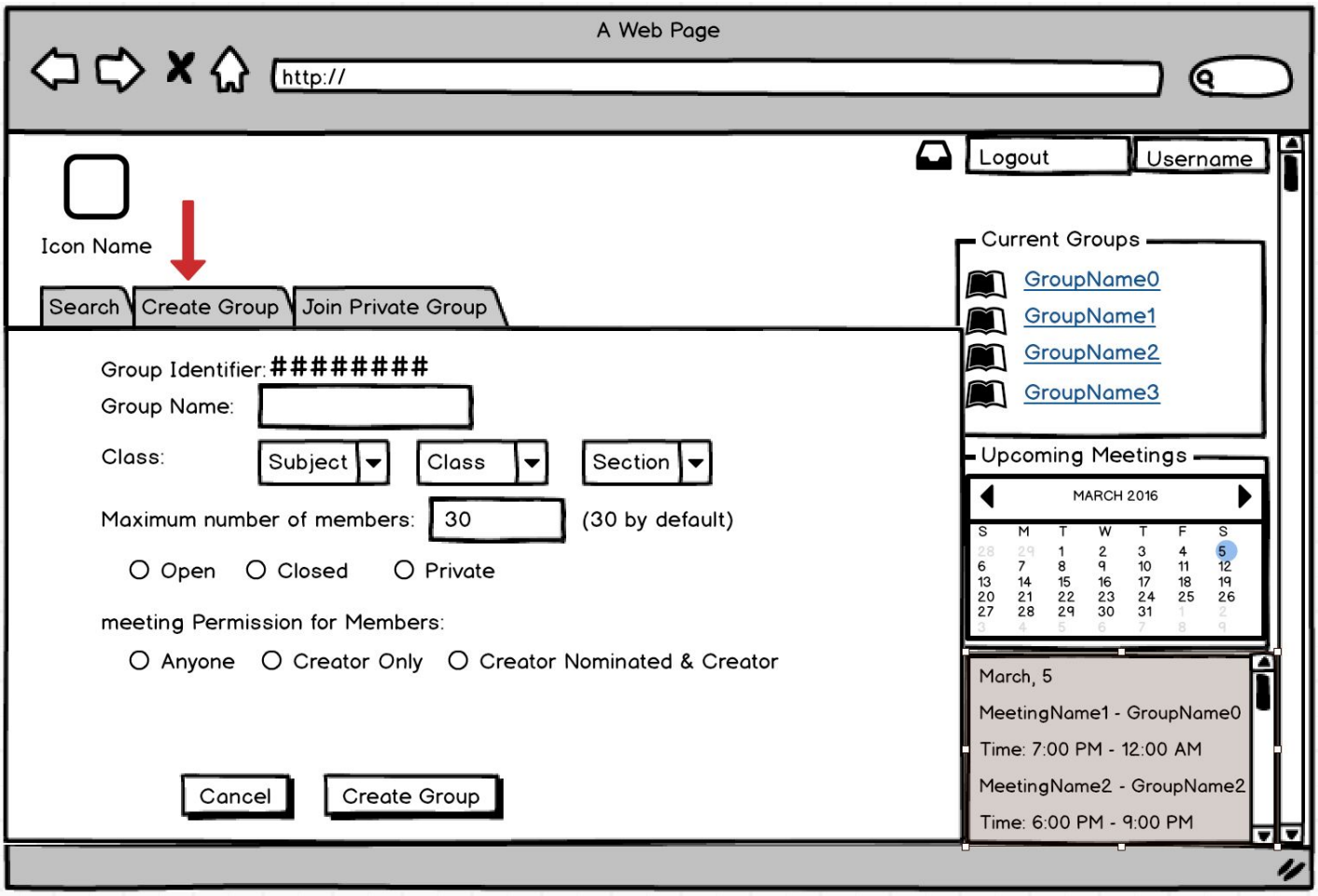
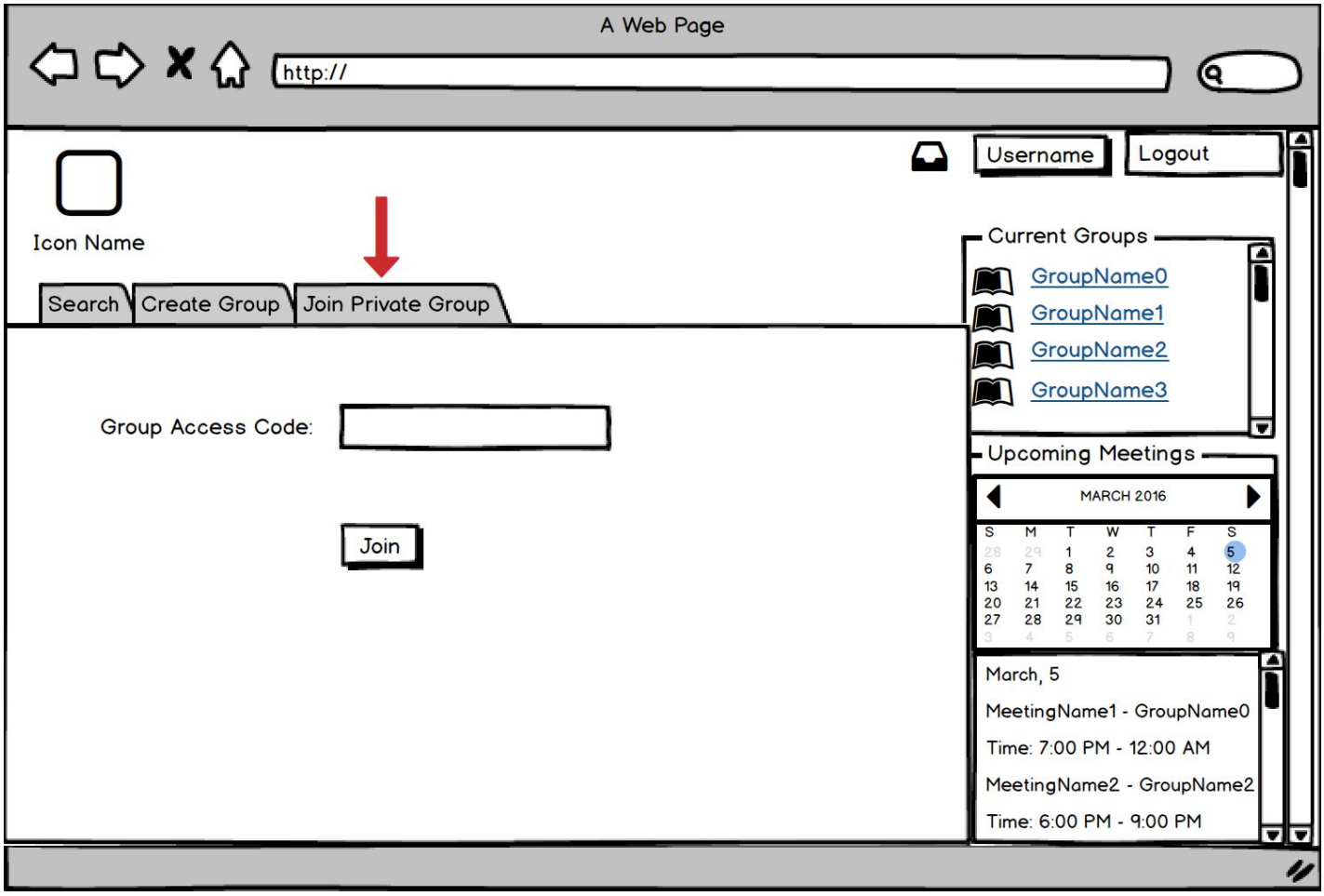

A Web Page
http://
Logout
Username
Icon Name
Search
Create Group
Join Private Group
Group Identifier: ########
Group Name:
Class:
Subject
Class
Section
Maximum number of members:
30
(30 by default)
Open
Closed
Private
meeting Permission for Members:
Anyone
Creator Only
Creator Nominated & Creator
Cancel
Create Group
Current Groups
GroupName0
GroupName1
GroupName2
GroupName3
Upcoming Meetings
MARCH 2016
March, 5
MeetingName1 - GroupName0
Time: 7:00 PM - 12:00 AM
MeetingName2 - GroupName2
Time: 6:00 PM - 9:00 PM

Figure 1.4



3.2.4. Group Page

The group page consists of important information about a particular group that the user has enrolled. For the regular users, a list of group members are listed with the options of contacting them or reporting them to the system administrator. The group members are also allowed to set up a meeting and send meeting invitations to other group members for study sessions. In addition, underneath the “Create Meeting” button, the user is also able to view the group calendar to look out for any upcoming meetings.

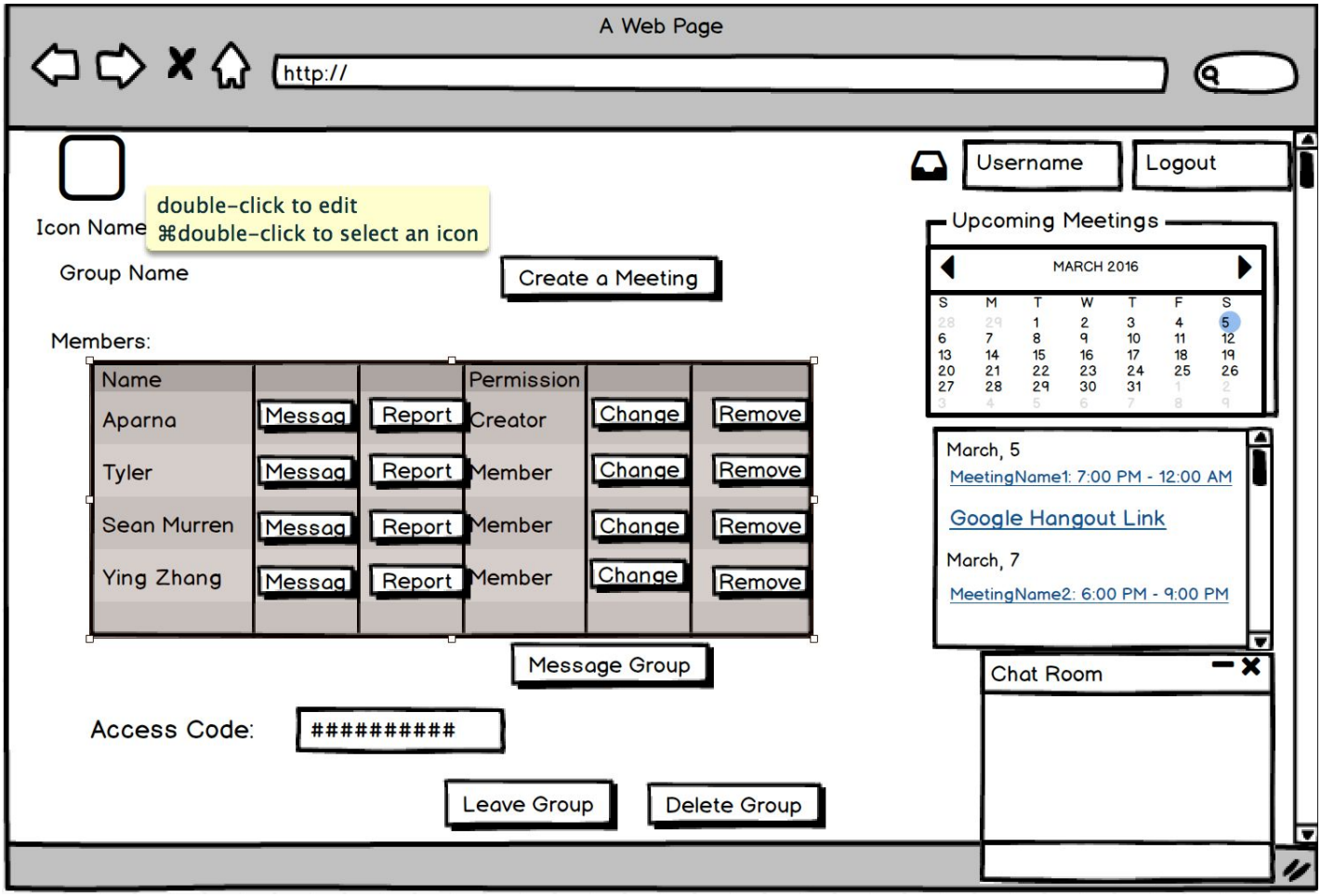
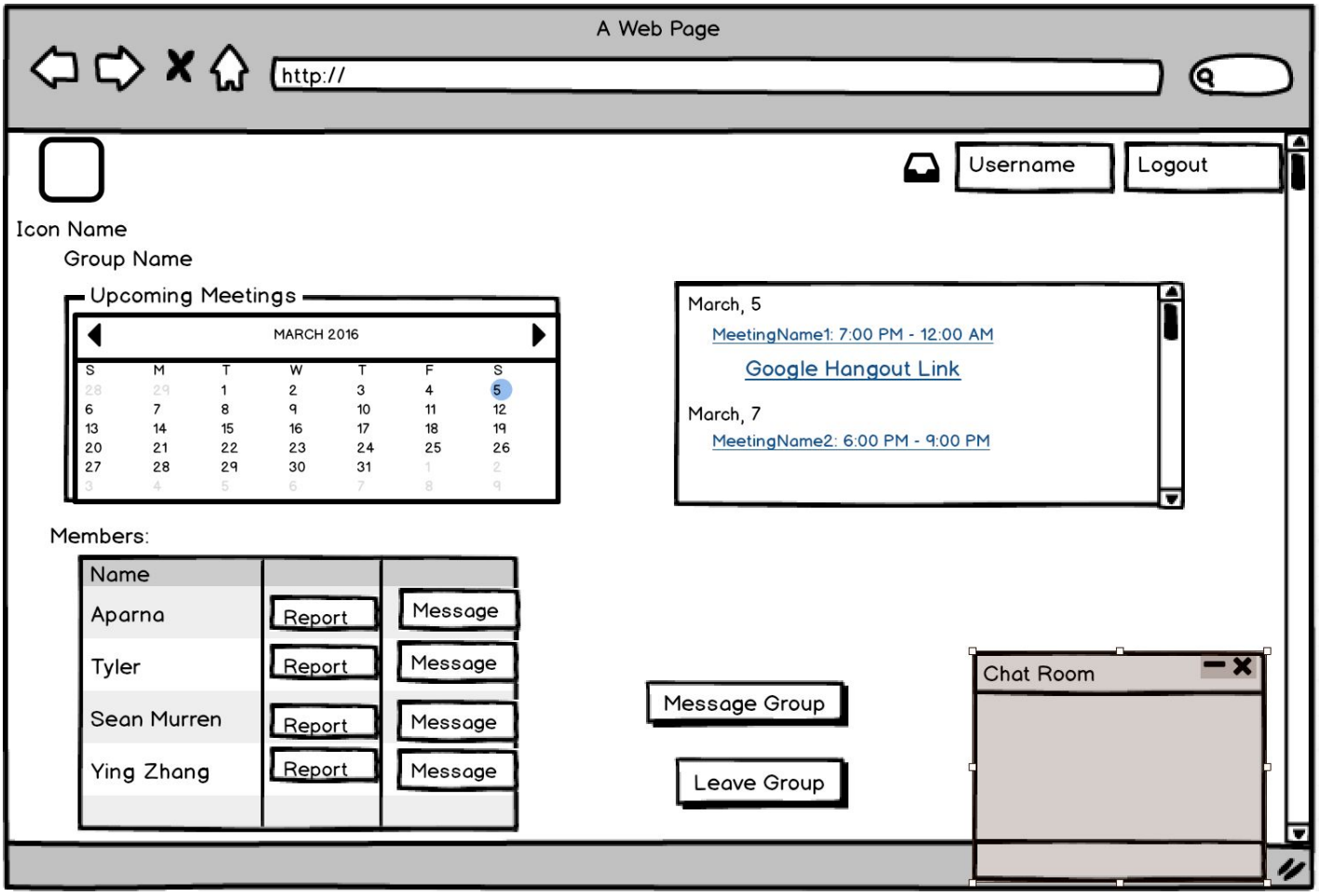

A Web Page
http://
Username
Logout
Icon Name
double-click to edit
⌘double-click to select an icon
Group Name
Create a Meeting
Upcoming Meetings
MARCH 2016
S M T W T F S
Members:
Name
Permission
Aparna
Messag
Report
Creator
Change
Remove
Tyler
Messag
Report
Member
Change
Remove
Sean Murren
Messag
Report
Member
Change
Remove
Ying Zhang
Messag
Report
Member
Change
Remove
March, 5
MeetingName1: 7:00 PM - 12:00 AM
Google Hangout Link
March, 7
MeetingName2: 6:00 PM - 9:00 PM
Message Group
Chat Room
Access Code:
##########
Leave Group
Delete Group

Figure 1.5


A Web Page
http://
Username
Logout
Icon Name
Group Name
Upcoming Meetings
MARCH 2016
S M T W T F S
28 29 1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30 31 1 2
3 4 5 6 7 8 9
March, 5
MeetingName1: 7:00 PM - 12:00 AM
Google Hangout Link
March, 7
MeetingName2: 6:00 PM - 9:00 PM
Members:
Name
Aparna
Tyler
Sean Murren
Ying Zhang
Report
Message
Message Group
Leave Group
Chat Room

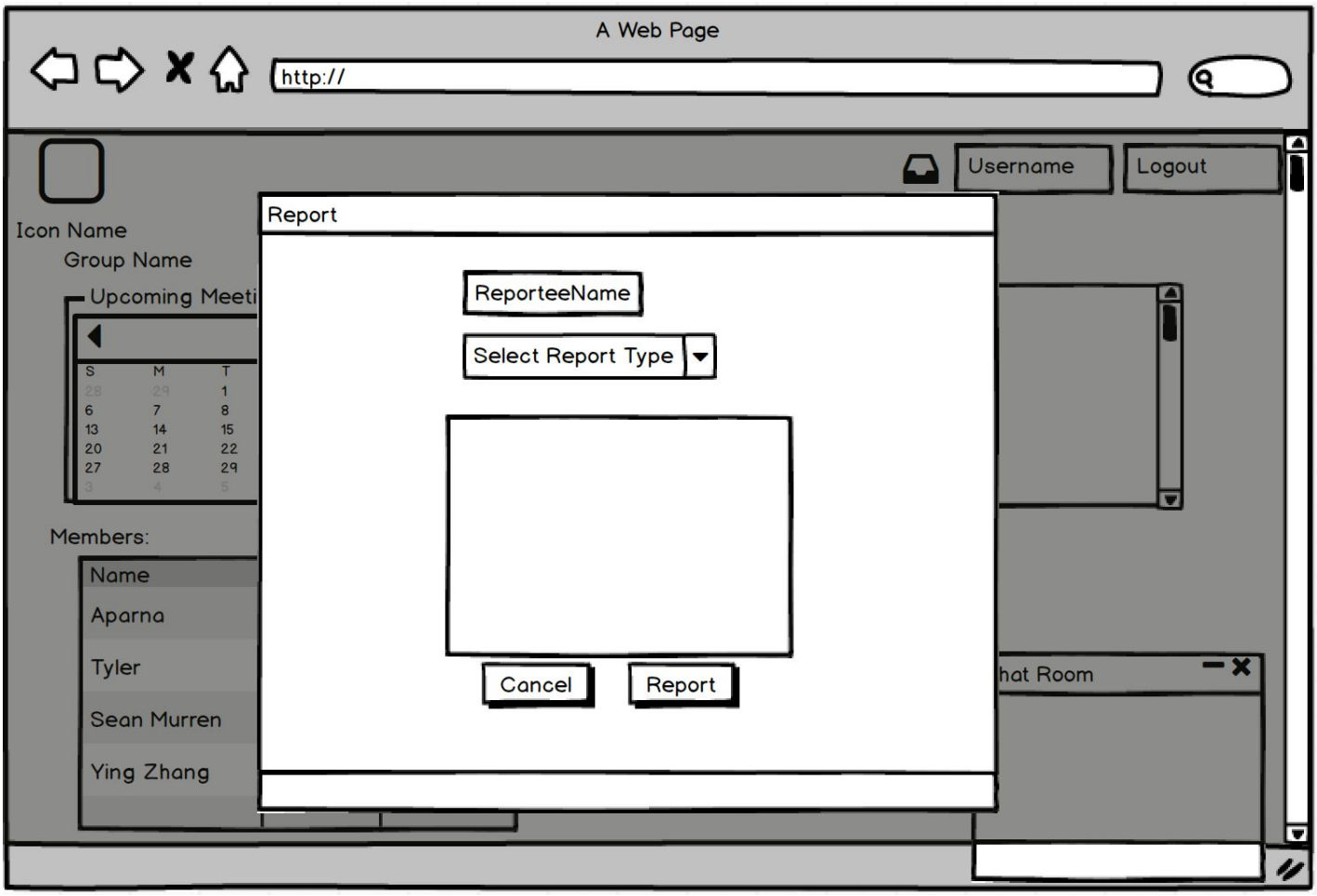

A Web Page
http://
Username
Logout
Icon Name
Group Name
Upcoming Meeti
Report
ReporteeName
Select Report Type
Cancel
Report
Members:
Name
Aparna
Tyler
Sean Murren
Ying Zhang
hat Room

Figure 1.6

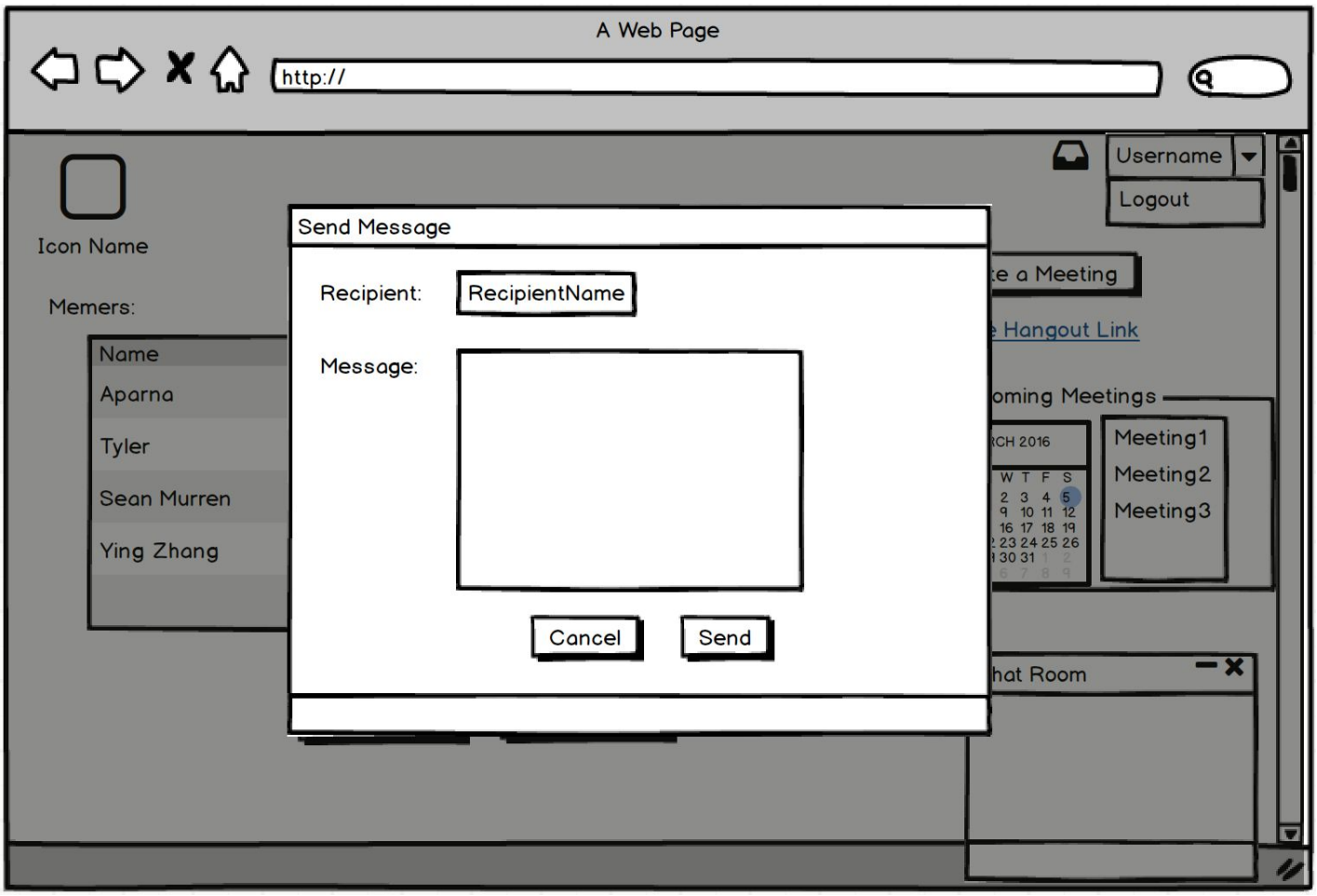

A Web Page
http://
Username
Logout
Icon Name
Memers:
Name
Aparna
Tyler
Sean Murren
Ying Zhang
Send Message
Recipient:
RecipientName
Message:
Cancel
Send
e a Meeting
Hangout Link
oming Meetings
Meeting1
Meeting2
Meeting3
hat Room

Figure 1.7

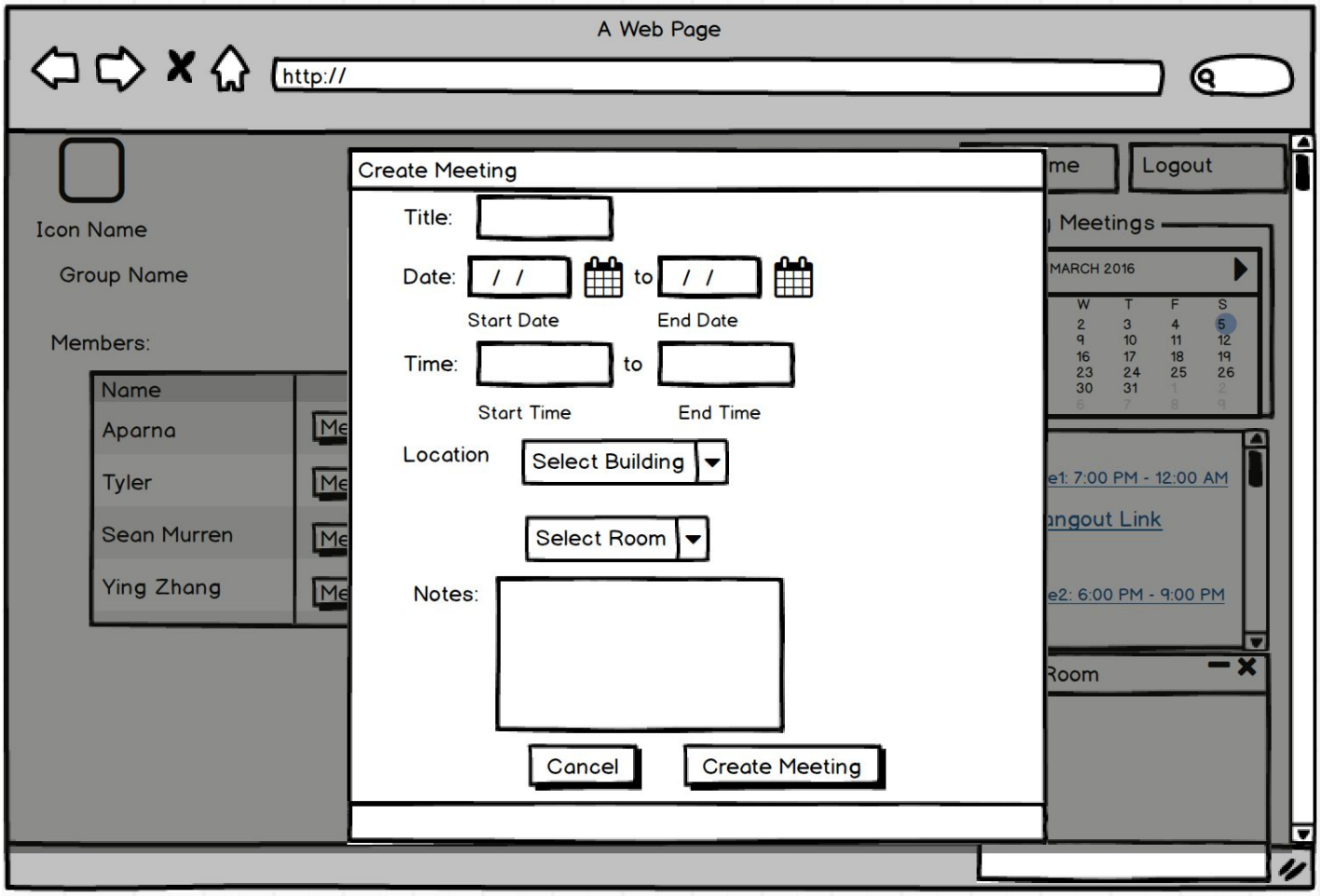


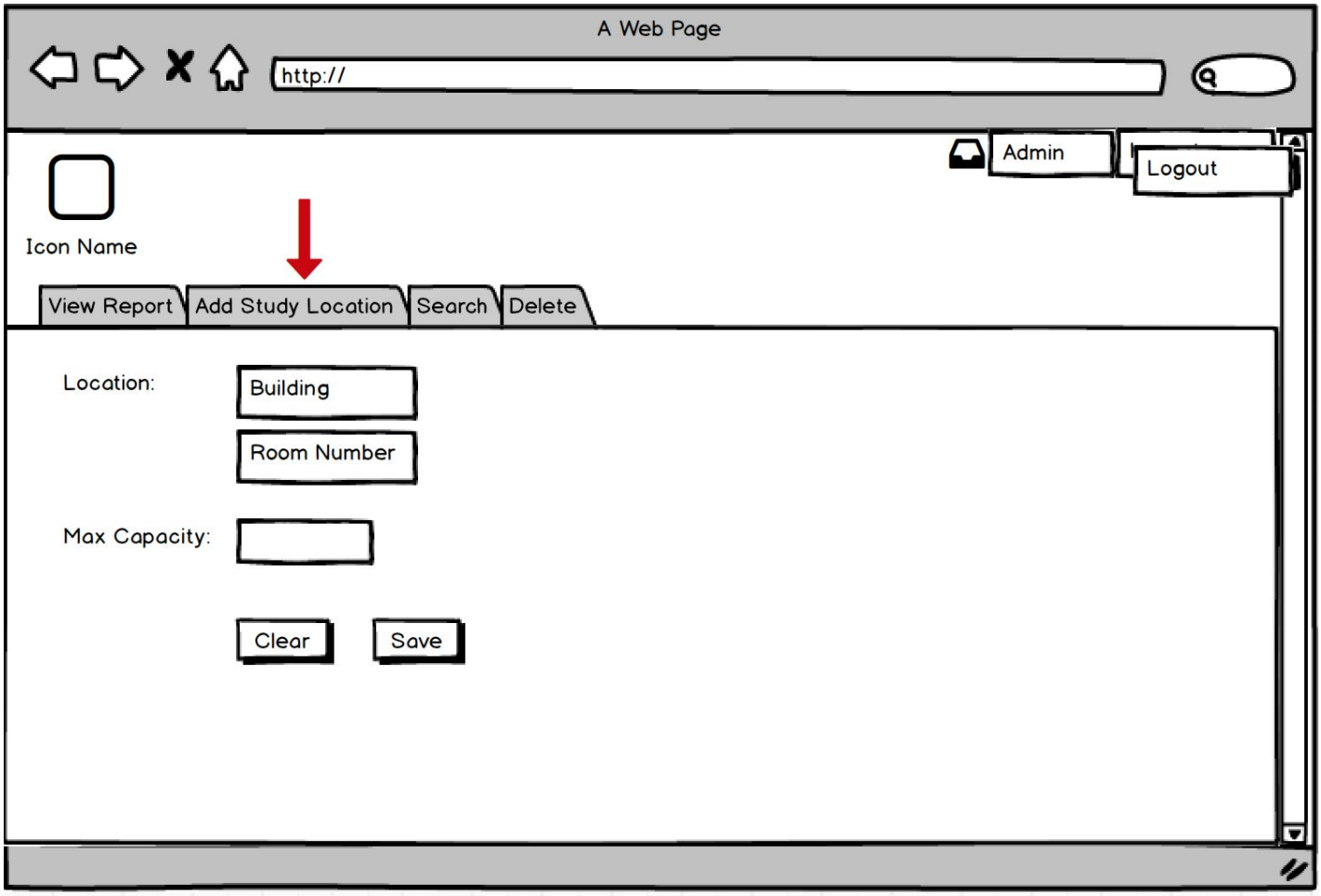
Figure 1.8

3.2.5. Admin Page

For the system administrators who are monitoring and maintaining the work order of the application, more permissions are granted to them. The system administrators are able to view the reports submitted from the users about any inappropriate activities conducted by other users, to add on-campus study locations, to search a particular user and modify their account status, and to delete all the inactive groups at the end of a term.

A Web Page
http://
Admin
Logout
Icon Name
View Report
Add Study Location
Search
Delete
Report Code
Date Submitted
1111
mm/dd/yyyy
VIEW
222
mm/dd/yyyy
VIEW
333
mm/dd/yyyy
VIEW
444
mm/dd/yyyy
VIEW

Figure 1.9



4. Data Validation

4.1. Data Validation Table

Appendix A – Agreement Between Customer and Contractor

Appendix B – Team Review Sign-off

Appendix C– Document Contributions

- **Group**
  - **Discussed and drew all of the UI designs by hand on a whiteboard**
- **Tyler Campbell**
  - **None**
- **Aparna Kaliappan**
  - **None**

- **Siqi Lin**
  - **Introduction**
  - **User interface standards**
  - **Application navigation diagram**
  - **UI Walkthrough**
  - **Initial draft of mockups**
- **Ying Zhang**
  - **Revised Sandy's mockup after second meeting with client**