Requirements for Instant Messaging System

Actors:
Employee
Enterprise Information Protection (EIP)
Manager
Software Developer (SD)
System Administrator (SA)

1. Functionality
   1.1. As an employee, I want to participate in real-time chat with other employees.
   1.2. As an employee, I want to be able to see the presence of other employees.
   1.3. As an employee, I want to be able to transfer a file to another employee.
   1.4. As an employee, I want to be able to chat with multiple employees at the same time but with each being a different conversation.
   1.5. As an employee, I want to be able to chat with multiple employees at the same time as a group.
   1.6. As an employee and a SA, I want to see people grouped together in logical fashions so I can more easily find the person I wish to talk with.
2. Security
   2.1. As EIP, I want all users to sign on to the system using current security mechanisms.
   2.2. As EIP, I want the system to only be accessible on the internal WAN/LAN
   2.3. As EIP, I want all other IM ports to be blocked at the firewall level.
   2.4. As EIP, I want all communication to be secured with SSL
   2.5. As EIP and a SA, I want all the users and groups to be managed via the current LDAP system.
3. Extensibility
   3.1. As a SD, I want the system to be integrated into my tool kit so that I can collaborate with others while writing the system.
   3.2. As a SD, I want to be informed of events that are generated via other systems (build systems, batch jobs, etc)
   3.3. As a SA, I want to be able to add-on additional functionality as the need arises. Thus it must have a pluggable architecture.
   3.4. As a SD, I want to be able to design new functionality for the system as the need arises. Thus the source code must be available for modification.
   3.5. As a SD, I want to be able to integrate the system with custom systems to provide functionality to all users. Thus it must have a public API.
4. Administration
   4.1. As EIP and a SA, I want to be able to capture logs of conversations
   4.2. As a SA, I want to see the consumption of system resources that the system uses. Thus it must have monitoring capabilities built in or accessible.
   4.3. As a SA, I want to monitor real-time use of the system. i.e current number of chats, network traffic, etc.