

Release Plan

Size Estimates (LOC)

Each column specifies estimated and actual values at the beginning of that iteration. For example, at the beginning of iteration 2 you know the actual size of the code integrated during iteration 1 and based on your experience during iteration 1 you can update the estimated size values for the subsequent iterations.

Client

Client	Login	Registration	Start application	
Login	50	70		
Registration	100	100	310	
Message	200	200	200	600
Total:	350	370	510	600

Server

Server	Grant multiconnectons	Login	Private message	
Grant multiconnectons	15	20		
Login	25	25	58	
Private message	25	25	25	84
Total:	65	70	83	84

Effort Estimates (Minutes)

Client

Client	Login	Registration	Start application	
Login	30m	1h		
Registration	45m	45m	2h	
Message	1h	1h	1h	2h 30m
Total:	2h 15m	2h 45m	3h	2h 30m

Server

Server	Grant multiconnectons	Login	Private message	
Grant multiconnectons	20m	45m		
Login	1h	1h	2h	
Private message	1h 45m	1h 45m	1h 45m	3h 30m
Total:	3h 05m	3h 30m	3h 45m	3h 30m

Client

Login

Feature	Estimated Effort	Actual Effort
Account control	10m	20m
Graphic login	20m	40m
Total:	30m	1h

Registration

Feature	Estimated Effort	Actual Effort
Registration	20 m	30m
Graphic registration	20 m	30m
Total:	40m	1h

Message

Feature	Estimated Effort	Actual Effort
Private mesage	20m	30m
Graphic message	30m	1h
Total:	50m	1h 30m

Server

Grant multiconnectons

Feature	Estimated Effort	Actual Effort
Create array users	05m	05m
Enable multi-threading	10m	25m
Add the user to the user array	15m	15m
Total:	20m	45m

Login

Feature	Estimated Effort	Actual Effort
Receiving the request from the client	15m	25m
Converting into string the byte	15m	1h
Reading from the file	30m	35m
Total:	1h	2h

Private message

Feature	Estimated Effort	Actual Effort
Enter in the function privateMessage	20m	1h
Create the packet to send	50m	1h 15m
Send the packet	35m	1h 15m
Total:	1h 45m	3h 30m

Features we would like to add in the future

Client

Feature	Effort Estim
Possibility to create group chat, for example if i want to send a message directly to my friends	2-3 hrs

Feature	Effort Estimate
Possibility to customize the client chat application (background, font and other things)	4-5 hrs
Possibility to customize your profile and the possibility to see the other user profile	3-4 hrs

Server

Feature	Effort Estimate
Add the user list request	1h
Add more security control	1h 45m
Put the user information inside a database	2h