*What is the main goal of the feature?*

The main goal of milestone 6 was creating ability for conversation client with artist.

*What are the feature inputs?*

* http://www.acted.co/dashboard/chat/{chatId}.
* The design mockup of the search page, under the “chat.html” file, in the Mockup repo.
* Acted database.

*What are the feature outputs?*

1. Add ability for conversation client with artist. After client have created new quote request will created new chatRoom

**src/ActedLegalDocsBundle/Entity/ChatRoom.php**

1. Add ability for showing list of ChatRooms for user   
   **src/ActedLegalDocsBundle/Controller/ChatRoomController.php::getChatRoomListAction**
2. Add ability for showing chat by id  
   **src/ActedLegalDocsBundle/Controller/ChatRoomController.php::getChatAction**
3. Add permission for user in project. Now to dashboard can see only auth user with role **Client** or **Artist**  
   **app/config/security.yml**
4. Add ability for change status message to “READ”   
   **src/ActedLegalDocsBundle/Controller/ChatRoomController.php::readMessageInChatAction**
5. Add and configure new bundle for work with wss  
   <https://github.com/GeniusesOfSymfony/WebSocketBundle>
6. Add new parameters for wss  
   **web\_socket\_server\_host: ~  
   web\_socket\_server\_port: ~  
   web\_socket\_pusher\_host: ~  
   web\_socket\_pusher\_port: ~**
7. Add ability to push new message to chat   
   **src/ActedLegalDocsBundle/Controller/ChatRoomController.php::webSocketPushAction**
8. Add ability for upload files to chat  
   **src/ActedLegalDocsBundle/Model/MediaManager.php::uploadFilesForMessage**
9. Add validation for upload file  
   - size upload file - add new parameter to parameters.yml  
    **max\_file\_size: ~**- type upload files - add new parameters to parameters.yml  
    **file\_formats**: ~
10. Add new migration file with change db:  
    **app/DoctrineMigration/Version20160621143702.php**

*What are the main business rules implemented?*

Added ability for conversation client with artist

*Define a quick “How it works” schema*

After create new quote request will create new chat room. User get email with link to this chat room (also users can see them chats in dasbord enquiries page). Whan some use clicked to “send message” project redirect user to chat room where he can conversation.

*Which bundle handles the feature?*

ActedLegalDocsBundle contains all application logic.

added [GeniusesOfSymfony](https://github.com/GeniusesOfSymfony)/[WebSocketBundle](https://github.com/GeniusesOfSymfony/WebSocketBundle)

**Configuration wss:**

1. Install zmq to server

2. composer install from the project directory

3. configure parameters yml - add

**web\_socket\_server\_host: 0.0.0.0**

**web\_socket\_server\_port: 8686**

**web\_socket\_pusher\_host: 0.0.0.0**

**web\_socket\_pusher\_port: 5555**

4. install supervisord <http://supervisord.org/>  
5. configure supervisord :

echo\_supervisord\_conf > supervisor.conf

[unix\_http\_server]  
file = /tmp/supervisor.sock  
  
[supervisord]  
logfile = ./logs/supervisord.log  
logfile\_maxbytes = 50MB  
logfile\_backups = 10  
loglevel = info  
pidfile = /tmp/supervisord.pid  
nodaemon = false  
minfds = 1024  
minprocs = 200  
  
[rpcinterface:supervisor]  
supervisor.rpcinterface\_factory = supervisor.rpcinterface:make\_main\_rpcinterface  
  
[supervisorctl]  
serverurl = unix:///tmp/supervisor.sock  
  
[program:ratchet]  
command = bash -c "ulimit -n 10000; exec /usr/bin/php ./home/eugene/acted/app/console gos:websocket:server"  
process\_name = Ratchet  
numprocs = 1  
autostart = true  
autorestart = true  
user = root  
stdout\_logfile = ./logs/info.log  
stdout\_logfile\_maxbytes = 1MB  
stderr\_logfile = ./logs/error.log  
stderr\_logfile\_maxbytes = 1MB

6. configure parameters yml in http://laurent.ng-gateway.com/- add

**web\_socket\_server\_host: (ip address wss)**

**web\_socket\_server\_port: 8686**

**web\_socket\_pusher\_host: (ip address wss)**

**web\_socket\_pusher\_port: 5555**

6. In case if you need to configure sockets connection host in js file. /src/Acted/LegalDocsBundle/Resources/public/js/chat-room.js

line ~192

**var** webSocket = WS.connect("ws://51.254.217.4:8686");

**var webSocket = WS.connect("ws://wssServerHost:WssServerPort")**

Make **gulp** command in console.

7. What we used:

<http://vicendominguez.blogspot.com/2015/02/supervisord-in-centos-7-systemd-version.html>  
<http://stackoverflow.com/questions/31157928/supervisord-on-linux-centos-7-only-works-when-run-with-root>

<http://socketo.me/docs/deploy>

<http://supervisord.org/installing.html>

<https://github.com/GeniusesOfSymfony/WebSocketBundle>

https://docs.google.com/document/d/1LQRvJLr0eCw0MlF52SLq\_ggp5WkjzRCsk4mKDwgGhr0/edit

*What are the main classes?*

src/Acted/LegalDocsBundle/Controller/ChatRoomController.php - actions for work with chat

src/Acted/LegalDocsBundle/Model/ChatManager.php - service for work with chat room

src/ActedLegalDocsBundle/Model/MediaManager.php - minor fix for uploads many files

*What are the services?*

app.media.manager - service for work with uploads files

app.chat.manager - service for work with chat room

*What are the Twig templates?*

1. Chat room template   
   /src/Acted/LegalDocsBundle/Resources/views/ChatRoom/chat\_room.html.twig

*What are the add-on bundle you installed?*

added [GeniusesOfSymfony](https://github.com/GeniusesOfSymfony)/[WebSocketBundle](https://github.com/GeniusesOfSymfony/WebSocketBundle)

install **ZMQ lib**

*What are the commands to run to install the feature?*

**php app/console do:mi:mi  
php app/console ca:cl --env=prod**

*What are the commands to run to test the feature?*

We do not have tests for this feature.

*How to test the feature?*