RS Chat

Projects	Priority	Type	Status	Started	Finished	# Inac (h)
Add JWTService class and change library to jjwt	Low	Refactor 🛠️	Complete	@January 26, 2023 22:06	@January 27, 2023 1:58	2.4
Go down button with small number icon to specify the received messages	Medium	Improvement 🚀	Not Started			
🎉 10k lines of code 🎉	Critical 🔥		Complete		@January 26, 2023 3:35	
Close all sessions does not work (after doing it, I continued to the chat page in other tab)	High	Bug 🐞	Not Started			
Administration button to close/open chats and send to home the connected users	Low	Improvement 🚀	Not Started			
File caching to not read files from disk all times	Very high	Improvement 🚀	Complete	@January 25, 2023 15:54	@January 26, 2023 0:32	3.5
Spring migration from 2.7.0 to 3.0.2	High	Improvement 🚀 Refactor 🛠️ Security 🔒 Task ⛏️	Complete	@January 26, 2023 16:45	@January 26, 2023 22:00	1.6
Huge refactor to use JPA Buddy when generating entities and relationships	Critical 🔥	Refactor 🛠️	Complete	@January 22, 2023 17:34	@January 24, 2023 21:46	
Add teachers to degree by administrator	Very high	Improvement 🚀 Task ⛏️	Complete	@January 22, 2023 16:19	@January 22, 2023 17:15	0
Special rooms for gaming	Very low	Idea 🧠 Improvement 🚀	Not Started			
Refactor of if statements in Policies class to use Yavi validation library	Very high	Improvement 🚀 Refactor 🛠️	Complete	@January 20, 2023 12:35	@January 20, 2023 23:42	3
Add Quartz lib to schedule all the tasks.	Medium	Improvement 🚀	Cancelled	@January 15, 2023 13:50	@January 15, 2023 14:00	0
Improve the security of my home Wi-Fi and network	High	Research 🔬 Security 🔒	Not Started			
Implement rate limit to avoid spamming	High	Improvement 🚀	Not Started			
Add relations to entities to reduce queries	Low	Refactor 🛠️	Complete			
Fix /dice command. Page crashes	Very high	Bug 🐞	Complete	@December 21, 2022 0:20	@December 21, 2022 0:50	0

Projects	Priority	Type	Status	Started	Finished	# Inac (h)
Add teacher to subject by administrator	High	Improvement 🚀 Task 🔨	Complete	@December 18, 2022 14:52	@December 21, 2022 17:44	28
Teacher service to get data	High	Task 🔨	Complete	@December 18, 2022 2:08	@December 18, 2022 4:00	0
When sending a non-text message, the Handler crashes because the content could not be read as normal text.	Very high	Bug 🐞	Complete	@December 17, 2022 20:35	@December 17, 2022 22:57	1
Know how to add custom stats to send to Prometheus	Medium	Configuration ⚙️ Improvement 🚀	Complete	@December 17, 2022 2:49	@December 17, 2022 3:20	0
Mark html containing the mentioned user	Low	Improvement 🚀	Complete	@December 16, 2022 20:46	@December 17, 2022 0:13	1
Send mention message to the mentioned user to notify in frontend	Medium	Improvement 🚀	Complete	@December 16, 2022 1:40	@December 16, 2022 20:07	12
Add support for multi-parameter commands and multiple commands in one message	High	Bug 🐞 Improvement 🚀	Complete	@December 11, 2022 0:00	@December 13, 2022 0:36	24
Add new commands for fun (roll a dice, 8 ball, ...)	Low	Improvement 🚀	Complete	@December 10, 2022 3:40	@December 16, 2022 3:00	-1
Make a table to display command help in frontend	Low	Improvement 🚀	Not Started			
Refactor commands in backend	Medium	Refactor 🛠️	Complete	@December 10, 2022 2:00	@December 10, 2022 3:00	0
Send logs to Grafana with Loki	High	Improvement 🚀	Complete	@December 5, 2022 20:00	@December 7, 2022 1:00	16
Teacher routes in frontend	Medium	Improvement 🚀	In Progress	@November 20, 2022 12:37		
Fix Force Browsing the images in S3 bucket	Very high	Bug 🐞 Improvement 🚀 Security 🔒	Not Started			
When user has friends and they are connected to the same chat, the first active users shown must be that friends	Low	Improvement 🚀	Not Started			
View profile functionality. Username is used in URL	Medium	Improvement 🚀	In Progress	@November 20, 2022 2:06		
Improve going back and forward with mouse buttons	Medium	Improvement 🚀	Not Started			
Do not refresh page when changing chat. Clear history, info and users	High	Improvement 🚀 Task 🔨	Cancelled		@November 20, 2022 0:20	

Aa Projects	⬛ Priority	≣ Type	✷ Status	🗓 Started	🗓 Finished	# Inac (h)
Change IDOR (Insecure Direct Object Reference) when showing the chat URL	High	Bug 🐞 Improvement 🚀 Security 🔒	Complete	@November 18, 2022 20:54	@November 20, 2022 0:22	8
Implement individual chats	Very high	Improvement 🚀	Complete	@November 17, 2022 16:35	@November 18, 2022 15:41	3
Backend logging division by level	Very high	Configuration ⚙️ Improvement 🚀	Complete	@November 16, 2022 23:30	@November 17, 2022 0:05	0
Check response bodies in frontend	Very high	Refactor 🛠 Task ⛏	Complete	@November 16, 2022 20:00	@November 16, 2022 20:06	0
Refactor all the controllers. When an exception is thrown in other method, catch it to send a response message to show to the user	Very high	Refactor 🛠 Task ⛏	Complete	@November 15, 2022 23:28	@November 16, 2022 19:24	14
Web Socket does not connect to backend in production	Critical 🔥	Bug 🐞 Task ⛏	Complete	@November 11, 2022 18:30	@November 16, 2022 1:28	-1
Application statistics. Maybe other application using SQS locally?	Medium	Improvement 🚀	Not Started			
Implement commands and mentions	High	Improvement 🚀	In Progress	@November 6, 2022 2:34		
Support mentions with '@' character	Medium	Improvement 🚀	Complete	@November 5, 2022 3:36	@November 5, 2022 15:33	9
Revise all todo tasks	Very high	Research 🏔 Task ⛏	Complete	@November 4, 2022 20:27	@November 5, 2022 0:58	1.5
Extract connection display to new component	Medium	Refactor 🛠	Complete	@November 4, 2022 13:39	@November 4, 2022 14:00	0
New component colors for the information messages	High	Improvement 🚀	Complete	@November 4, 2022 14:21	@November 4, 2022 14:23	0
Reconnect button in ToolBar	Medium	Improvement 🚀	Not Started			
An 'ActiveUsers' message is sent after the client closes a chat	High	Bug 🐞	Ignore			
State information about the connection of the socket to the server (Connected or disconnected) in Toolbar	Medium	Improvement 🚀	Complete	@November 2, 2022 17:03	@November 2, 2022 17:11	0
Global variable to store the WebSocket client when the user is logged in	High	Improvement 🚀	Complete	@November 2, 2022 16:41	@November 2, 2022 17:00	0
Refactor connection to web socket server by adding one previous step to joining the chat	High	Improvement 🚀 Refactor 🛠 Task ⛏	Complete	@October 30, 2022 0:39	@October 30, 2022 1:18	0

| Projects	Priority	Type	Status	Started	Finished	# Inac (h)
Add a new page to send information message to all users	High	Improvement 🚀	Complete	@October 30, 2022 22:30	@October 31, 2022 2:34	0
Remove refresh token from sessions, because it is not used	High	Refactor 🔧	Complete	@October 28, 2022 1:57	@October 28, 2022 2:40	0
Administration button to schedule the restart of the server	Very high	Improvement 🚀	Complete	@October 29, 2022 0:40	@October 29, 2022 16:06	8
Migrate useEffect with API calls with useQuery	Medium	Improvement 🚀	Not Started			
Leave chat (user action)	Medium	Improvement 🚀	Complete	@October 26, 2022 18:53	@October 26, 2022 19:10	0
Add support for text and pdf files messages	High	Improvement 🚀	Complete	@October 26, 2022 0:38	@October 26, 2022 1:30	0
PDF visualizer	Medium	Improvement 🚀	Complete	@October 26, 2022 15:30	@October 26, 2022 17:38	0.3
Check why the sessions are removed every time the scheduled task is executed	Medium	Bug 🐞	Complete	@October 25, 2022 20:25	@October 25, 2022 20:32	0
Improve observability with Grafana	Medium	Configuration ⚙️ Improvement 🚀	Complete	@November 27, 2022 0:14	@December 7, 2022 17:15	-1
Improve performance when showing the emojis	Very high	Improvement 🚀	In Progress	@October 26, 2022 19:38		
Fix removal of chats with incorrect id. Modify tables to have one column with the id of the table the entries come from.	High	Bug 🐞	Complete	@October 22, 2022 12:15	@October 22, 2022 23:45	3
Add end date to sessions, to not verify on each token every 15 minutes to check if it has expired.	Medium	Improvement 🚀 Refactor 🔧	Complete	@October 28, 2022 1:35	@October 28, 2022 1:56	0
Send information message when the deployment is going to be done	High	Configuration ⚙️ Improvement 🚀	Not Started			
Add to the name of the subjects and groups a random String at the end to support repeated names, but not show it when retrieving information	Medium	Task 🔨	Not Started			
Improve Administration pages with edit and list views (with edit and remove button on every item of the list)	Medium	Improvement 🚀	Complete	@October 21, 2022 19:30	@October 21, 2022 17:23	10

Projects	Priority	Type	Status	Started	Finished	# Inac (h)
Block users for 10 minutes when they introduce a wrong password	Medium	Improvement 🚀 Task 🔨	Not Started			
Block users	Medium	Improvement 🚀	Not Started			
Add friends	Medium	Improvement 🚀	Not Started			
Poll system integrated in the chat	Very low	Idea 🧠 Improvement 🚀	Not Started			
Improve log configuration file to make files with RollingFilePolicy	Medium	Improvement 🚀	Complete	@October 19, 2022 17:20	@October 20, 2022 18:10	0
Create email server at home	High	Configuration ⚙️ Improvement 🚀	Not Started			
Create self-signed SSL cert to enable access from Vercel	Very high	Bug 🐞 Configuration ⚙️	Complete	@October 16, 2022 18:32	@October 17, 2022 21:12	8
Configure home server	Critical 🔥	Configuration ⚙️ Improvement 🚀	Complete	@October 14, 2022 16:00	@October 16, 2022 22:00	16
Make WebSockets work in the home server	Critical 🔥	Configuration ⚙️	Complete	@October 15, 2022 23:28	@October 15, 2022 23:32	0
Make dockerfiles to have a dev and prod containers of the backend	Very high	Configuration ⚙️ Improvement 🚀	Cancelled			
Backend works correctly in home server	Critical 🔥	Configuration ⚙️	Complete	@October 15, 2022 20:00	@October 15, 2022 23:15	0.7
Improve Active users tab with list switching (active / all)	Medium	Improvement 🚀	Complete	@October 13, 2022 15:50	@October 13, 2022 17:34	0.5
Improve chat grid at home page	Very high	Bug 🐞	Complete	@October 13, 2022 0:02	@October 13, 2022 0:22	0
Infinite requests when going to add new group	High	Bug 🐞	Complete	@October 12, 2022 23:24	@October 12, 2022 23:26	0
Register email address in Sendgrid to prevent automatic emails to be received in spam folder	Very high	Bug 🐞	TempCancel	@October 12, 2022 2:35		
Published Instagram story to get feedback	Medium	Research 🔺	Complete	@October 12, 2022 0:36	@October 13, 2022 0:36	0
Fix general crashes of the app	Critical 🔥	Bug 🐞	TempCancel			
Active users table have repeated usernames (users from mobile)	High	Bug 🐞	TempCancel			
Sound must be played on every message (fix hook to execute completely and not pause the sound)	Low	Bug 🐞	TempCancel			

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When mobiles quit browser when they are inside the chat, the WS crashes	Very high	Bug 🐞	Not Started			
When a user wants to add another to a group, show all the available groups to that person to select one, to copy the invitation code with instructions or send an email	Very low	Idea 🧠 Improvement 🚀	Not Started			
Fit content to all devices (Phone, tablet, pc)	Critical 🔥	Improvement 🚀 Task ⛏️	Complete	@October 11, 2022 23:07	@October 12, 2022 0:29	0
Implementación de algo de funcionalidad más especial. Papers	Very low	Idea 🧠	Not Started			
Rank system, get a chat badge (or different colors) when user has written a lot of messages	Very low	Idea 🧠 Improvement 🚀	Not Started			
Meeting with David Nkoto from Platform.sh	Critical 🔥	Task ⛏️	Complete	@October 4, 2022 11:00	@October 4, 2022 11:20	0
Refactor message strategy to have only one implementation of handle method (Audio/Image/Text/Video classes)	Medium	Refactor 🛠️	Complete	@September 30, 2022 19:48	@September 30, 2022 20:00	0
FIX: max width in image dialog is not correct. See the image sent by amigueldiez	Medium	Bug 🐞	Not Started			
Improve services to throw exceptions if the entity is not found or an error occurs (and not make it in the controller) and other functionality that could be moved from controllers	Medium	Refactor 🛠️ Test 🧪	May change	@September 28, 2022 16:20	@October 7, 2022 0:19	-1
Notification when a message is received	Low	Improvement 🚀	Complete	@October 8, 2022 1:36	@October 8, 2022 2:00	0
Add chat tabs to have several opened at the same time	Low	Improvement 🚀	Not Started			
Add response messages by pressing a button or making double click	Medium	Improvement 🚀	Not Started			
FIX: when a user receives a message and the image is opened, the dialog is closed for some reason	Medium	Bug 🐞	Not Started			

Projects	Priority	Type	Status	Started	Finished	# Inac (h)
Add some unit and integration tests	High	Task 🔨 Test 🧪	In Progress	@September 27, 2022 11:30		
Fix problems with tests	Very high	Bug 🐞 Test 🧪	Complete	@September 26, 2022 21:45	@September 26, 2022 22:36	0.2
Check the indexes in the LaTeX document to correctly generate the numbers	High	Documentation 📘	Cancelled			
Apply observer pattern when users join a chat	Medium	Improvement 🚀	Not Started			
Document the pattern used by the ChatMap class	High	Documentation 📘	Complete	@October 1, 2022 13:45	@October 4, 2022 12:16	-1
Instead of ':' for showing emojis, add a button at the beginning of the TextBox	High	Refactor 🛠️	Complete	@September 22, 2022 15:00	@October 6, 2022 20:17	-1
Add support for commands with '/' character	Low	Improvement 🚀	Complete	@November 5, 2022 2:01	@November 5, 2022 15:33	9
Add the clock (bean) to Instant.now() calls	Medium	Task 🔨	Complete	@September 16, 2022 13:26	@September 16, 2022 13:36	0
Get all the users that belong to a chat and put a small green icon to those connected (show first), those unconnected with a red icon and last	Very low	Idea 🧠 Improvement 🚀 Task 🔨	Not Started			
Reduce emojis file to only needed fields (name, emoji, unicode, category, sub-category)	Medium	Improvement 🚀	Complete	@September 15, 2022 12:36	@September 15, 2022 13:46	0
Refactor the messages sent over WS to remove encoding field (we only use UTF-8), and simplify to UTF8	High	Refactor 🛠️	Complete	@September 15, 2022 12:21	@September 15, 2022 12:33	0
Add support for adding emojis without pasting them (some keyword like ':')	Low	Improvement 🚀	Complete	@September 16, 2022 14:03	@September 19, 2022 21:04	-1
Fix problems with audio files that move one message down	Critical 🔥	Bug 🐞	Complete	@September 14, 2022 16:47	@September 14, 2022 17:24	0
Save the files uploaded to the database	High	Task 🔨	Complete	@September 14, 2022 13:50	@September 14, 2022 14:52	0
Limit the size of the files uploaded	High	Improvement 🚀	Complete	@September 14, 2022 14:52	@September 14, 2022 14:57	0
Improve administration view to have several big buttons to select the next window to visualize (not having all data in the same page)	High	Improvement 🚀 Refactor 🛠️	Complete	@September 13, 2022 12:15	@September 13, 2022 13:42	0

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Solve problem of not sending USER_LEFT (and USER_JOINED) messages to the server	Critical 🔥	Bug 🐞	Complete	@September 12, 2022 17:15	@September 12, 2022 20:00	0.1
Fix exception when a user exits a chat. User is not created and added to chat	Critical 🔥	Bug 🐞	Complete	@September 12, 2022 8:35	@September 12, 2022 8:54	0
Remove checks on register. Only show error when server sends the response	High	Refactor 🛠️ Task ⛏️	Cancelled			
Change all TextField components to be size='small'	Low	Refactor 🛠️	Complete	@September 10, 2022 20:49	@September 11, 2022 20:55	0
Fix 404 error when accessing app in Vercel from external page	High	Bug 🐞 Documentation 📘	Complete	@September 9, 2022 14:00	@September 9, 2022 14:30	0
GET request to a URL with an invitation code as a parameter. Then, the user can join the chat if user is not joined and redirected to it in both cases (joined or not)	Very low	Idea 🧠 Task ⛏️	TempCancel			
Add email templates for register and password change	High	Improvement 🚀	Complete	@September 9, 2022 1:20	@September 11, 2022 17:25	32
Remove null clients from list in backend when a message is going to be sent	Medium	Bug 🐞	Complete	@September 14, 2022 20:04	@September 14, 2022 20:16	0
Extract to a JSON the router structure in App component	High	Refactor 🛠️	Complete	@September 8, 2022 16:11	@September 8, 2022 16:54	0
Add style to have chats structured in a grid in Home view	High	Improvement 🚀 Task ⛏️	Complete	@September 7, 2022 21:12	@September 8, 2022 2:10	1.5
Administrators and teachers must have access to invitation code of a chat	High	Improvement 🚀	Complete	@September 12, 2022 23:00	@September 13, 2022 1:00	0
Remove express and file to serve frontend (since Vercel does not need it)	Very high	Refactor 🛠️	Complete	@September 8, 2022 17:06	@September 8, 2022 17:10	0
Configure email sender to be able to send emails when users are registered or password are reset	Very high	Improvement 🚀 Task ⛏️	Complete	@September 9, 2022 0:05	@September 9, 2022 1:11	0.5
Make a Feature readme file	Very high	Documentation 📘	Complete	@September 6, 2022 20:00	@September 7, 2022 0:13	2

Aa Projects	Priority	☰ Type	☼ Status	🗓 Started	🗓 Finished	# Inac (h)
Implement Forgot password functionality and improve reset password. When the user wants to change the password in the profile, send a forgotPassword request with the email, then redirect to create password, since it will be correct	High	Improvement 🚀 Task 🔨	Complete	@September 9, 2022 20:35	@September 10, 2022 3:06	2.2
If user checks the "Remember me" checkbox, extend the expiration time of the access token to 2 weeks or more	High	Improvement 🚀	Complete	@September 9, 2022 20:05	@September 9, 2022 20:27	0
Be able to handle several files at once, to keep the order in which they were sent	Medium	Improvement 🚀	Complete	@September 6, 2022 1:45	@September 6, 2022 3:00	0
Disable send button if no text or image is going to be sent	Low	Improvement 🚀 Task 🔨	Complete	@September 6, 2022 1:00	@September 6, 2022 1:50	0
Show how many images are attached to the message	Low	Improvement 🚀 Task 🔨	Complete	@September 6, 2022 1:20	@September 6, 2022 1:40	0
Migrate applications from Heroku to Vercel	High	Task 🔨	Complete	@September 5, 2022 23:00	@September 5, 2022 23:15	0
Add support for having database in localhost	High	Task 🔨	Complete	@September 2, 2022 18:45	@September 2, 2022 18:56	0
Send a ping message from frontend to keep the connection alive	Critical 🔥	Task 🔨	Complete	@September 4, 2022 23:00	@September 4, 2022 23:27	0
Idle connection of WebSockets	Critical 🔥	Bug 🐞	Complete	@September 7, 2022 14:22	@September 7, 2022 17:00	1
Fix url when receiving response from server	Critical 🔥	Bug 🐞	Complete	@August 28, 2022 23:19	@August 29, 2022 0:40	0
Add functionality for adding more media files	Very high	Task 🔨	Complete	@August 28, 2022 23:15	@September 2, 2022 17:34	-1
Migrate maxWidth determination to backend	Low	Refactor 🛠	Complete	@August 28, 2022 20:43	@August 28, 2022 20:55	0
Group multiple images/videos in one message	Low	Improvement 🚀 Task 🔨	Not Started			
Zoom on scroll (in images)	Medium	Improvement 🚀 Research ⛰	Not Started			

Projects	Priority	Type	Status	Started	Finished	# Inac (h)
Send the media files with http requests to the server instead of encoding and sending through the WebSocket	Very high	Improvement 🚀 Refactor 🛠️	Complete	@August 27, 2022 14:30	@August 27, 2022 23:45	1.5
Add a small dropdown to select the type of file the user is going to send	High	Improvement 🚀	Not Started			
Add support to encode (in base64) files to be able to send to the server as normal WebSocket messages	High	Task 🔨	Complete	@August 26, 2022 22:50	@August 26, 2022 23:20	0
Add drag 'n' drop to select files to send to the chat	High	Task 🔨	Complete	@August 26, 2022 20:50	@August 27, 2022 15:00	12
Add the README.md	Low	Documentation 📘	Complete	@August 26, 2022 19:05	@August 26, 2022 21:00	0.2
Chat statistics - Per user, number of messages, words written...	Very low	Idea 🧠 Improvement 🚀	Not Started			
Replace disk reads for memory reads when reading chat history	Very low	Idea 🧠 Improvement 🚀	Not Started			
Schedule the upload of the history file to S3 after a period of time	High	Improvement 🚀	Reference	@August 24, 2022 20:30	@August 24, 2022 20:50	0
Read history from file stored in disk if it is downloaded. To have updated history to new users	Critical 🔥	Bug 🐞 Refactor 🛠️	Complete	@August 23, 2022 18:00	@August 24, 2022 1:00	2
Implement pagination of the chat history	Medium	Improvement 🚀 Task 🔨	Complete	@January 25, 2023 15:54	@January 26, 2023 16:38	
Do the documentation of the Java code	Very high	Documentation 📘	Complete	@August 24, 2022 22:47	@August 26, 2022 0:40	12
Solve problems of websocket connections in remote	Critical 🔥	Bug 🐞	Cancelled			
Discover the limit to send data through WS to frontend	High	Refactor 🛠️	Cancelled		@September 5, 2022 0:29	
Check this lib to support message compression in frontend. Must be implemented in backend since it is written in Java	Very low	Idea 🧠 Improvement 🚀 Refactor 🛠️	TempCancel			
See this to send partial data (maybe)	Very low	Idea 🧠 Improvement 🚀 Refactor 🛠️	TempCancel			
Add a reducer for chat and store the current chat	Medium	Improvement 🚀	TempCancel			
Order active users by name	Low	Improvement 🚀	Complete	@August 23, 2022 20:25	@August 23, 2022 20:34	0

Projects	Priority	Type	Status	Started	Finished	# Inac (h)
Use strategy pattern to make MessageHandler more readable	Very high	Refactor 🛠️	Complete	@August 22, 2022 0:16	@August 22, 2022 20:47	15
Upon connection of the user, receive all the messages of the chat up to a limit of 3 days before	High	Improvement 🚀	Complete	@August 22, 2022 20:49	@August 22, 2022 23:48	0.75
Show popup when hovering hour of message to display full date	High	Improvement 🚀	Complete	@August 21, 2022 19:26	@August 21, 2022 20:00	0
When clicking a username in a chat, display a small popup with a button to start a user-user chat or other actions	High	Improvement 🚀 Task 🔨	Complete	@October 26, 2022 23:10	@October 26, 2022 23:48	0
Edit diagrams and refactor entity classes (relation classes) and SQL definition to make columns match the table name	Very high	Bug 🐞 Refactor 🛠️	Complete	@August 19, 2022 16:41	@August 19, 2022 17:18	0
Create invitation links to put in profile and join a chat	Very high	Improvement 🚀 Task 🔨	Complete	@September 7, 2022 17:31	@September 7, 2022 20:56	1.5
Listen to new messages and check if they are USER_JOINED or USER_LEFT and send a new type of message to get the connected users of the chat in the background	Medium	Improvement 🚀	Complete	@August 19, 2022 22:00	@August 20, 2022 0:17	0
Add a list of connected users to the chat view	Very low	Idea 🧠 Improvement 🚀	Complete	@August 19, 2022 22:37	@August 20, 2022 0:13	0
Improve chat with name and more information about it	High	Task 🔨	May change	@August 18, 2022 19:15	@August 18, 2022 20:19	0.25
Fix problems adding users to global chat on register	Very high	Bug 🐞	Complete	@August 17, 2022 20:32	@August 17, 2022 23:20	0.75
Add a global variable in redux state and a custom hook to get the websocket client only when the variable is true (userLoggedIn), if false, create client and then return. This will work like the color theme.	Medium	Improvement 🚀 Refactor 🛠️	Cancelled			
Change type of chat in DB to longer name	High	Refactor 🛠️	Complete	@August 16, 2022 20:56	@August 17, 2022 22:30	1

Projects	Priority	Type	Status	Started	Finished	# Inac (h)
Make chatReducer to shorten loading of home screen when requesting all available chats for a user	High	Improvement 🚀 Task 🔨	Complete	@August 16, 2022 16:55	@August 16, 2022 17:36	0
Remove sessionId of the user both in frontend and backend	Medium	Refactor 🛠️	Revision			
Add a callback to client to execute it when a message is sent correctly	Low	Refactor 🛠️	Complete	@August 16, 2022 17:41	@August 16, 2022 17:58	0
Show available chats to user in home view	High	Task 🔨	Complete	@August 15, 2022 19:33	@August 15, 2022 23:05	1.4
Try the reconnection of the WebSocket in frontend	Medium	Improvement 🚀	Complete			
How to escape SQL reserved keywords with Spring boot, JPA and Hibernate - Java JEE tutorials by Tarik Chrouki	High	Bug 🐞	Complete	@August 14, 2022 17:40	@August 14, 2022 17:45	0
Divide each DropDown into new component and include them in Administration view	Medium	Refactor 🛠️	Complete	@August 18, 2022 20:22	@August 19, 2022 0:15	1.5
Add groups to all diagrams	Critical 🔥	Task 🔨	Complete	@August 13, 2022 0:45	@August 13, 2022 14:05	12
Decide structure of the chat URLs	Very high	Task 🔨	May change	@August 13, 2022 0:30	@August 13, 2022 1:00	0
When entering a chat, send a http request to check if the user has access to that chat	Very high	Task 🔨	Complete	@September 8, 2022 17:23	@September 8, 2022 19:59	0.5
Decide chat type names	High	Refactor 🛠️	Revision	@August 13, 2022 0:11	@August 13, 2022 0:30	0
If several messages are received from the same sender, do not render the username	Very low	Idea 🧠 Task 🔨	Not Started			
Add support to compute the color hash that a user has.	Very low	Idea 🧠 Improvement 🚀	Not Started			
Domain diagram	High	Documentation 📘	Revision	@August 9, 2022 22:10	@August 9, 2022 22:30	0
Use case diagram	High	Documentation 📘	Revision	@August 9, 2022 23:15	@August 11, 2022 22:58	18
Classes diagram	High	Documentation 📘	Not Started			
Interaction diagram	High	Documentation 📘	Not Started			
Packages diagram	High	Documentation 📘	Not Started			
Send a confirmation email to new registered users	Medium	Security 🔒 Task 🔨	Not Started			
Spinner on login or register, to know that the request has been sent	Medium	Improvement 🚀	Complete	@August 11, 2022 23:00	@August 11, 2022 23:40	0

Projects	Priority	Type	Status	Started	Finished	# Inac (h)
Check that all routes have the correct http method and permissions	High	Task 🔨	Complete	@August 7, 2022 16:53	@August 7, 2022 17:32	0
Update old methods that used ResponseEntity<?> to use the new HttpResponse class	Low	Improvement 🚀 Refactor 🛠️	Complete	@August 6, 2022 23:29	@August 6, 2022 23:42	0
Implement Degree controller and associated Service in backend	High	Task 🔨	Revision	@August 6, 2022 16:45	@August 6, 2022 20:48	0.3
Add the service files to the frontend	Medium	Task 🔨	Ignore			
Make separate classes for Route constants (GET, POST, ...)	Low	Refactor 🛠️	Complete	@August 6, 2022 14:26	@August 6, 2022 16:14	1.5
Make administrator view in frontend	Medium	Improvement 🚀 Task 🔨	Complete	@August 6, 2022 12:30	@September 13, 2022 13:42	-1
Create updated entities in JPA	High	Task 🔨	Complete	@August 5, 2022 22:15	@August 6, 2022 23:26	12
Check migration guide java-jwt to version 4	Low	Security 🔒	Complete	@August 12, 2022 20:43	@August 12, 2022 23:56	2.5
Move ChatMap functionality to Chat class	Low	Refactor 🛠️ Task 🔨	Not Started			
Restrict the connection to chats. Users can only connect to available ones	Critical 🔥	Refactor 🛠️ Task 🔨	Complete	@September 8, 2022 17:23	@September 8, 2022 19:59	0.5
New messages when user joins and leaves a chat	High	Refactor 🛠️ Task 🔨	Cancelled	@August 3, 2022 20:15	@August 4, 2022 22:30	
Use a context in private routes to encapsulate a single WebSocket for all the session	High	Improvement 🚀 Task 🔨	Cancelled		@August 4, 2022 22:30	
Upload images from frontend with drag 'n' drop and encode into base64	High	Task 🔨	Reference			
Add random generated string at the end of media files	Medium	Improvement 🚀 Task 🔨	Not Started			
Add support for all types of files (text, images, videos, audios)	Medium	Task 🔨	May change	@August 1, 2022 23:18	@August 3, 2022 0:05	18
Get all files that a user has sent over the time	Very low	Idea 🧠	Not Started			
Achievements' system	Very low	Idea 🧠 Improvement 🚀	Not Started			

Aa Projects	Priority	☰ Type	☼ Status	🗓 Started	🗓 Finished	# Inac (h)
When uploading file (finished chat) delete from disk. If chat is reopened, download file and keep writting	Medium	Improvement 🚀 Task 🔨	Complete	@July 31, 2022 20:06	@August 1, 2022 23:05	20
Update docs	Very high	Documentation 🟦	May change	@August 5, 2022 19:50	@August 7, 2022 17:52	
Add a Writer to support message storage in S3. Upload files	High	Improvement 🚀 Task 🔨	Complete	@July 31, 2022 19:55	@July 31, 2022 20:05	0
Check token on connect to websocket	Medium	Improvement 🚀 Security 🔒 Task 🔨	Revision	@August 5, 2022 20:30	@August 15, 2022 17:04	-1
Better handling of chats with a new class	Low	Refactor 🛠	Complete	@July 31, 2022 15:45	@July 31, 2022 17:22	0
Migrate backend to spring websocket support with custom Handlers	High	Refactor 🛠 Task 🔨	Complete	@July 30, 2022 18:42	@July 31, 2022 15:00	10
Migrate from Java-WebSocket lib to Jetty websockets in backend	High	Refactor 🛠 Task 🔨	Complete	@July 29, 2022 21:03	@July 30, 2022 15:59	14
Migrate from native WebSocket to websocket library in frontend	High	Refactor 🛠 Task 🔨	Cancelled	@July 30, 2022 16:05	@July 30, 2022 17:31	
Migrate from native WebSocket to SockJS and	Medium	Refactor 🛠	Cancelled		@July 30, 2022 23:00	
Provide more style to message components	High	Improvement 🚀 Task 🔨	Complete	@July 28, 2022 17:05	@July 28, 2022 20:33	0.8
If up arrow key is pressed, visit the message history	Very low	Idea 🧠 Improvement 🚀	Not Started			
Show incoming messages in ChatBox	High	Task 🔨	Complete	@July 27, 2022 20:30	@July 28, 2022 16:55	14
Make a record class to identify the WS user in backend	High	Refactor 🛠 Task 🔨	Complete	@July 27, 2022 17:57	@July 27, 2022 18:42	0
Receive message in component	High	Refactor 🛠 Task 🔨	Complete	@July 27, 2022 0:48	@July 27, 2022 2:07	0
Improve storage of clients in backend	High	Task 🔨	Complete	@July 26, 2022 22:52	@July 27, 2022 0:32	0.6
Improve message handling between front and back	High	Refactor 🛠 Task 🔨	Complete	@July 26, 2022 18:20	@July 26, 2022 21:28	0.6
Clear the sensitive headers to send the received message to other clients in backend	Critical 🔥	Refactor 🛠 Task 🔨	Complete	@July 26, 2022 18:22	@July 26, 2022 18:38	0

Projects	Priority	Type	Status	Started	Finished	# Inactive (h)
Limit rate at which users can send messages to 6 per second	Very low	Idea 🧠 Improvement 🚀 Task ⛏️	Not Started			
Return an existing session to the user that logs in with other host	Very low	Idea 🧠 Improvement 🚀 Task ⛏️	Not Started			
Add the sessionId when sending the response to the client	High	Refactor 🛠️ Task ⛏️	Complete	@July 26, 2022 16:37	@July 26, 2022 17:30	0.25
Make a deploy test in Heroku, to verify the functionality of the sockets	High	Research ⛰️	Complete	@July 28, 2022 17:42	@August 5, 2022 0:45	-1
Receive messages in frontend from other clients and log to console	High	Task ⛏️	Complete	@July 26, 2022 0:30	@July 26, 2022 1:28	0
Configure frontend to send messages. Create class and Hook	High	Task ⛏️	Complete	@July 25, 2022 19:34	@July 26, 2022 0:34	1.7
Logout check	Low		Not Started			
Messages could be fragmented. Add an attribute in the JSON	Very low	Idea 🧠	Cancelled			
File writing from several threads (maybe use syncronized)	Low		Cancelled			
Create WebSocket server	High	Task ⛏️	Complete	@July 23, 2022 20:15	@July 24, 2022 1:12	1.5
When sending an empty message, write nothing in the response	Critical 🔥	Refactor 🛠️ Task ⛏️	Complete	@July 23, 2022 17:40	@July 23, 2022 17:47	0
Send messages to other members of the chat	Critical 🔥	Task ⛏️	Complete	@July 24, 2022 14:48	@July 26, 2022 1:28	14
Update security of the routes. Make a separate class or something	Low	Refactor 🛠️ Task ⛏️	Complete	@July 21, 2022 20:00	@July 21, 2022 20:57	0
Move header of message up one component (to ChatMessage.jsx)	Medium	Task ⛏️	Complete	@July 21, 2022 19:27	@July 21, 2022 19:47	0
Check the date in which the message was sent, to write correctly to the file	Critical 🔥	Bug 🐞 Task ⛏️	Complete	@July 27, 2022 0:26	@July 27, 2022 0:29	0
Add a new table in DB (Chats)	Critical 🔥	Task ⛏️	Complete	@July 21, 2022 17:20	@July 21, 2022 19:06	0.5
When hovering the date of the message, show full date (with millisecond precission)	Low	Task ⛏️	Reference			
Show a division of messages per day	Low	Task ⛏️	Not Started			

Projects	Priority	Type	Status	Started	Finished	# Inac (h)
Font size selector	Low	Improvement 🚀 Task 🔨	Not Started			
Upload the file to S3 every 10 minutes	Medium	Improvement 🚀 Task 🔨	Revision	@August 24, 2022 20:30	@August 24, 2022 20:50	0
Store messages in a file with history	High	Task 🔨	Complete	@July 21, 2022 22:00	@July 21, 2022 23:30	0.4
Send messages from front to back	High	Task 🔨	Complete	@July 21, 2022 19:55	@July 21, 2022 21:18	1
Read messages in backend	High	Task 🔨	Complete	@July 21, 2022 21:20	@July 21, 2022 21:30	0
More style to chat and messages	Medium	Task 🔨	Complete	@July 20, 2022 17:55	@July 20, 2022 23:55	2
Basic chat page	High	Task 🔨	Complete	@July 19, 2022 17:00	@July 19, 2022 23:50	1.5
Add custom Drop Down, password reset and more info in profile	High	Task 🔨	Complete	@July 16, 2022 22:04	@July 17, 2022 0:05	0
Enter the app as anonymous user and after the session is closed, all the data, messages, etc. is deleted	Very low	Idea 🧠	Cancelled			
Make a Router class to configure HTTP methods and permissions	Low	Task 🔨	Cancelled	@June 27, 2022 11:26	@June 27, 2022 11:29	0
Change color themes to fit logo	Low	Improvement 🚀	Not Started			
Show all opened sessions of user in profile view	Medium	Task 🔨	Complete	@June 26, 2022 0:50	@June 26, 2022 1:15	0
Profile page with user data (session, name, ...)	High	Task 🔨	Complete	@June 26, 2022 23:30	@July 17, 2022 0:04	-1
Home page with chat selection	Medium	Task 🔨	Reference			
Improve request handling in filters. Put data in some attribute in the custom class instead of request.setAttribute()	High	Refactor 🛠️ Task 🔨	Complete	@June 25, 2022 15:00	@June 25, 2022 15:20	0
Frontend API url change when code is in production or in development env	High	Bug 🐞 Refactor 🛠️	Complete	@June 25, 2022 0:30	@June 25, 2022 0:50	0
App renaming	High	Refactor 🛠️	Complete	@June 24, 2022 23:54	@June 25, 2022 0:15	0
Solve problem with Instant class of the domain models	High	Bug 🐞 Refactor 🛠️	Complete	@June 24, 2022 22:45	@June 24, 2022 23:15	0.25
Refactor Responses with the new class	Medium	Refactor 🛠️ Task 🔨	Complete	@June 24, 2022 22:00	@June 24, 2022 22:33	0

Aa Projects	▇ Priority	☰ Type	☼ Status	🗓 Started	🗓 Finished	# Inac (h)
Improve custom HttpRequest functionality	High	Task 🔨	Complete	@June 24, 2022 0:05	@June 24, 2022 1:04	0
Improve custom HttpResponse functionality	High	Task 🔨	Complete	@June 23, 2022 22:40	@June 24, 2022 3:08	0
Migration of frontend to other repo	Critical 🔥	Bug 🐞 Refactor 🛠 Task 🔨	Complete	@June 23, 2022 0:37	@June 23, 2022 1:35	0
Better configuration of deployment CORS config	Critical 🔥	Task 🔨	Complete	@June 22, 2022 20:30	@June 23, 2022 1:35	1.5
Configure deploy functionality	Critical 🔥	Initialization 🎉 Task 🔨	Complete	@June 21, 2022 13:00	@June 22, 2022 1:46	3
Backend register functionality	Critical 🔥	Task 🔨	Complete	@June 20, 2022 21:15	@June 24, 2022 22:05	26
Toolbar with theme switcher	Critical 🔥	Task 🔨	Complete	@June 20, 2022 20:55	@June 20, 2022 21:03	0
Store, Reducers and Actions for Redux	High	Task 🔨	Complete	@June 20, 2022 20:41	@June 20, 2022 20:50	0
Theme switcher and color palette	Low	Task 🔨	Complete	@June 20, 2022 20:36	@June 20, 2022 21:03	0
Register page and switch between Login and Register	High	Task 🔨	Complete	@June 20, 2022 20:26	@June 20, 2022 20:45	0
Forgot password functionality	Medium	Task 🔨	Reference			
Documentation - All diagrams	High	Documentation 🟦 Initialization 🎉	Not Started			
Migration from Timestamp to LocalDateTime	Medium	Refactor 🛠	Cancelled	@June 17, 2022 15:45	@June 17, 2022 15:50	0
Remove Service's interfaces	High	Refactor 🛠	Complete	@June 17, 2022 14:00	@June 17, 2022 14:17	0
Fix CORS security	Critical 🔥	Bug 🐞 Task 🔨	Complete	@June 15, 2022 17:50	@June 15, 2022 18:56	0
When receiving a request, check if the token exists in DB	High	Task 🔨	Not Started	@June 16, 2022 18:00		
Fix login controller does not work after AuthenticationFilter	Critical 🔥	Bug 🐞 Configuration ⚙	Complete	@June 15, 2022 13:00	@June 15, 2022 14:10	0
Improve Logout functionality with a Filter an then call the controller	High	Task 🔨	Cancelled	@June 15, 2022 2:00	@June 15, 2022 18:40	7
Solve problem with user creation by admins	Critical 🔥	Bug 🐞 Task 🔨	Complete	@June 15, 2022 0:29	@June 15, 2022 1:08	0
Ability to close all sessions of the user	Medium	Task 🔨	Not Started			

Projects	Priority	Type	Status	Started	Finished	# Inac (h)
Update DB to include refreshToken	High	Configuration ⚙️ Task 🔨	Complete	@June 14, 2022 21:43	@June 14, 2022 21:48	0
SessionService update when refreshToken is used	Medium	Task 🔨	Not Started			
Implement SessionService with capability to save, delete	High	Task 🔨	Complete	@June 14, 2022 21:37	@June 14, 2022 22:00	0
Improve Filters with annotations	Medium	Refactor 🛠️	Cancelled	@June 15, 2022 0:18	@June 15, 2022 0:27	0
Backend routes with constants	Medium	Configuration ⚙️ Task 🔨	Complete	@June 14, 2022 13:16	@June 14, 2022 14:12	0
Be able to manage request in controller after passing a Filter	Critical 🔥	Configuration ⚙️	Complete	@June 14, 2022 17:30	@June 14, 2022 20:40	1
Document - Design model	High	Documentation 📘 Initialization 🎉	May change	@August 9, 2022 19:50	@August 9, 2022 20:15	0
Document - Requirements specification	High	Documentation 📘 Initialization 🎉	Complete	@June 20, 2022 14:00	@June 20, 2022 20:23	2
Document - Use cases	High	Documentation 📘 Initialization 🎉	Not Started			
Backend login with JWT tokens	High	Task 🔨	Complete	@June 13, 2022 19:00	@June 14, 2022 2:30	2
From Cayenne to JPA	High	Configuration ⚙️ Task 🔨	Complete	@June 13, 2022 13:53	@June 13, 2022 18:00	3
Configure Spring security with basic requests	Critical 🔥	Configuration ⚙️ Task 🔨	Complete	@June 13, 2022 23:15	@June 15, 2022 1:55	9
Translate Relational diagram to SQL	High	Initialization 🎉	Complete	@June 12, 2022 23:40	@June 13, 2022 0:20	0
Probar el módulo de traducción en Frontend	Very low	Idea 🧠	Not Started			
Create Relational diagram	High	Documentation 📘 Initialization 🎉	Complete	@June 11, 2022 22:18	@June 12, 2022 2:30	3
Create the model classes with Cayenne Modeler	Medium	Initialization 🎉	Cancelled	@June 13, 2022 0:20	@June 13, 2022 0:45	0
Create ER diagram	High	Documentation 📘 Initialization 🎉	Complete	@June 11, 2022 13:15	@June 11, 2022 22:15	3
Sistema de menciones	Very low	Idea 🧠 Research ⛰️	Not Started			
How To Build React with Java Backend For Production	by Bhargav Bachina	Bachina Labs	Medium	Very low	Idea 🧠 Research ⛰️	Complete			

Aa Projects	Priority	≔ Type	⟳ Status	▦ Started	▦ Finished	# Inac (h)
How To Develop and Build React App With Java Backend | by Bhargav Bachina | Bachina Labs | Medium	Very low	Idea 🧠 Research ⛰️	Complete			