

# Chat Project Documentation

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Paths :

<http://localhost:8080/WSProjet>

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## User

Structured type

The content of a user

### Format

---

JSON

application/json

---

### Properties

---

email

String. Required

Email of the user.

---

pwd

String. Required

Password of a user.

---

Fname

String. Required

Firstname of the user.

---

Lname

String. Required

Lastname of the user.

---

biography

String. Optional

Biography of the user.

---

## Group

Structured type

The content of a group

## Format

---

JSON	application/json
------	------------------

---

## Properties

---

<b>name</b> String. Required	Name of the group.
---------------------------------	--------------------

---

<b>description</b> String. Optional	Description of a group.
--	-------------------------

---

<b>admin_email</b> String. Required	Email of the admin of the group.
--	----------------------------------

---

## Comment

Structured type  
The content of a comment

## Format

---

JSON	application/json
------	------------------

---

## Properties

---

<b>ID</b> Int. Required	ID of the comment.
----------------------------	--------------------

---

<b>time</b> String. Required	Time of this comment announced.
---------------------------------	---------------------------------

---

**uemail**

String. Required	Email of the user who commented.
<b>gname</b> String. Required	Name of the group.
<b>content</b> String. Required	Content of this comment.

## Signin

**POST** /WSProjet/signin

Register.It insert a new user(email password firstname lastname) into the database.

### Response

<a href="http://localhost:8080/WSProjet/index.jsp">http://localhost:8080/WSProjet/index.jsp</a> URI	turn to the register page
400-This email is used Please enter your *	If the email is used by other user. Or there're empty arguments.

## login

**POST** /WSProject/login

Verify the login

### Response

<a href="http://localhost:8080/WSProjet/Main.jsp">http://localhost:8080/WSProjet/Main.jsp</a> URI	turn to the Main page
400-Please enter your * Your email or your password is wrong	There're empty arguments. Wrong email address or password

## getUserInfo

**GET** /WSProject/info  
Get the information of the user entering.

### Response

Fname,Lname,biography JsonArray	The information of the user.
------------------------------------	------------------------------

## change

**POST** /WSProject/change  
Edit the information of the user entering.

### Response

<a href="http://localhost:8080/WSProjet/Main.jsp">http://localhost:8080/WSProjet/Main.jsp</a> URI	Update done,turn to the main page.
400-null	Error in the execution.

## delete

**POST** /WSProject/delete/user

Delete the account of the user entering.

### Response

---

http://localhost:8080/WSProjet/index.jsp URI	Delete done,turn to the login page.
---	-------------------------------------

---

400-null	Error in the execution.
----------	-------------------------

---

## creategroup

**POST** /WSProject/create/group

It allows the user to create a group.

### Response

---

http://localhost:8080/WSProjet/Main.jsp URI	Create done,turn to the main page.
--	------------------------------------

---

400-null	Error in the execution.
----------	-------------------------

---

## getGroup

**GET** /WSProject/your/group

It allows the user to see a list of groups he/she owns.

### Response

---

List of groups

JSONArray

Return a list of groups in JSONArray.

---

## groupJoined

**GET** /WSProject/group/joined

It allows the user to see a list of groups he/she joined.

### Response

---

List of groups

JSONArray

Return a list of groups in JSONArray.

---

## getGroupInfo

**GET** /WSProject/group/info/{name}

Get the information of a group with a parameter “name”.

### Path variables



---

name	Name of a group.
String	

---

## Response

---

description	Return the information of a group.
JsonArray	

---

## changeInfoGroup

**POST** /WSProject/change/group/{name}

It allows the user to change the description of groups he/she owns.

## Path variables

---

name	Name of a group.
String	

---

## Response

---

http://localhost:8080/WSProjet/Main.jsp	Update done,turn to the main page.
URI	

---

400-null	Error in the execution.
----------	-------------------------

---

## deletegroup

**POST** /WSProject/delete/group/{name}

It allows the user to delete groups he/she owns.

### Path variables

---

name	Name of a group.
String	

---

### Response

---

http://localhost:8080/WSProjet/Main.jsp	Delete done,turn to the main page.
URI	

---

---

400-null	Error in the execution.
----------	-------------------------

---

## viewGroup

**GET** /WSProject/view/group

It return all the groups

### Response

---

List of groups	Return a list of groups in JsonArray.
JsonArray	

---

## isjoined

**GET** /WSProject/isjoined/{name}

To know if a user is in a group.

### Path variables

---

name	Name of a group.
String	

---

### Response

---

A record in DB JsonArray	Return a record of the table ug in DB. ug is the table of the relationship between users and groups.
Null	If the user isn't in the group.

---

## isnotjoined

**GET** /WSProject/isnotjoined/{name}

To know if a user is in a group.

### Path variables

---

name	Name of a group.
String	

---

### Response

A record in DB JsonArray	Return a record of the table users in DB. users is the table of all users.
Null	If the user is in the group.

## joinGroup

**POST** /WSProject/join/group/{name}  
It allows the user to join groups.

### Path variables

name String	Name of a group.
----------------	------------------

### Response

http://localhost:8080/WSProjet/Main.jsp URI	Joined,turn to the main page.
400-null	Error in the execution.

## lookGroup

**GET** /WSProject/look/group/{name}  
Get the information of a group with a parameter “name”.

### Path variables

---

name	Name of a group.
String	

---

## Response

---

name,description	Return the information of a group.
JSONArray	

---

## membership

**GET** /WSProject/membership/{name}  
It returns the membership count of a group.

### Path variables

---

name	Name of a group.
String	

---

## Response

---

count	Return the number of members of a group.
JSONArray	

---

## dashboard

**GET** /WSProject/dashboard/{name}

Get the comments on the dashboard of a group with a parameter “name”.

### Path variables

---

name	Name of a group.
String	

---

### Response

---

List of comments	Return all the comments of the group.
JSONArray	

---

## members

**GET** /WSProject/members/{name}

Return the email of the members of the group with a parameter “name”.

### Path variables

---

name	Name of a group.
String	

---

### Response

---

List of emails	Return all the emails of the members.
JSONArray	

---

## lookUser

**GET** /WSProject/look/user/{email}

Return the email of the members of the group with a parameter "name".

### Path variables

---

email	Email of a user.
String	

---

### Response

---

user	Return the infomation of the user we want.
JSONArray	

---

## leave

**POST** /WSProject/leave/{name}

It allows the user to leave groups.

### Path variables

---

name	Name of a group.
String	

---

### Response

---

http://localhost:8080/WSProjet/Main.jsp	Left,turn to the main page.
---	-----------------------------

---

URI

400-null

Error in the execution.

## comment

**POST** /WSProject/comment/{name}

It allows the user to comments on the dashboard of the group.

### Path variables

name  
String

Name of a group.

### Response

http://localhost:8080/WSProjet/group1.jsp  
URI

Commented,turn to the group page.

400-null

Error in the execution.