



Discussion forum project

Sir Hans

Bouvarel Lilly 2A
Biology engineering
EIDD 2021

Project building

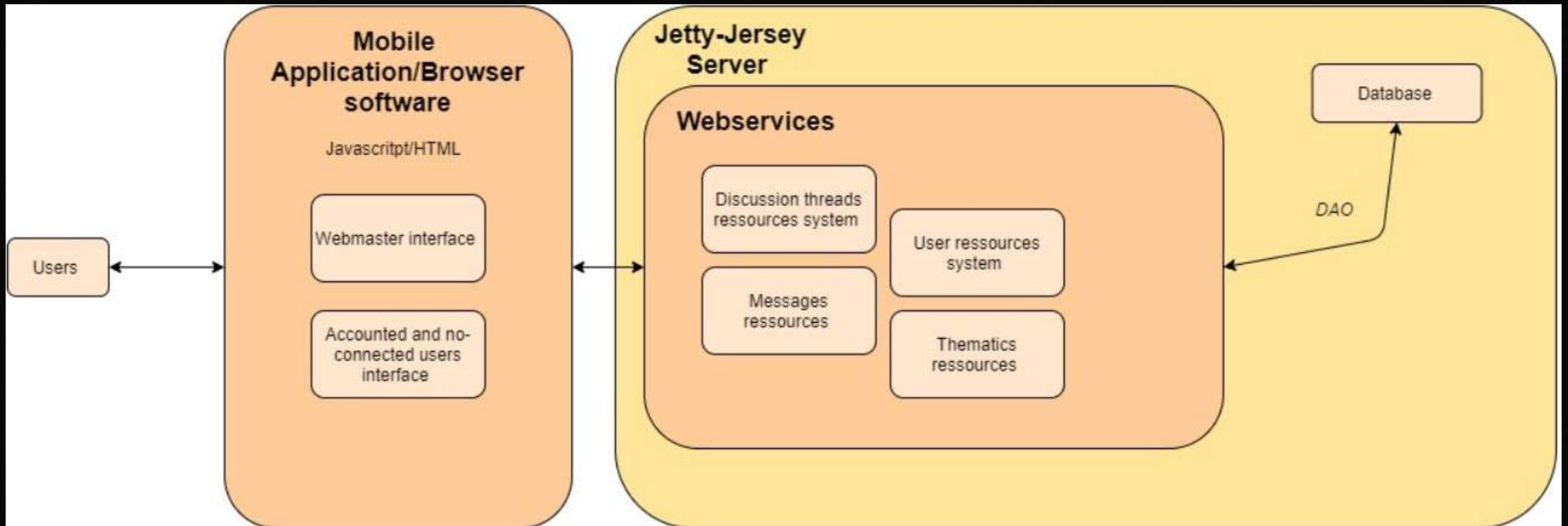
Summary

The project consist in building a discussion forum (questions/answers). The differents types of users are the webmaster, the no-connected user (reader) and the accounted user. The webmaster is in charge of handling the discussion threads and the thematics list (deleting and/or storing, allocation to a thematics, etc.) throw a webmaster interface. The no-connected user has just the possibility to read the forum. Finally, the accounted user can ask , answer and vote.

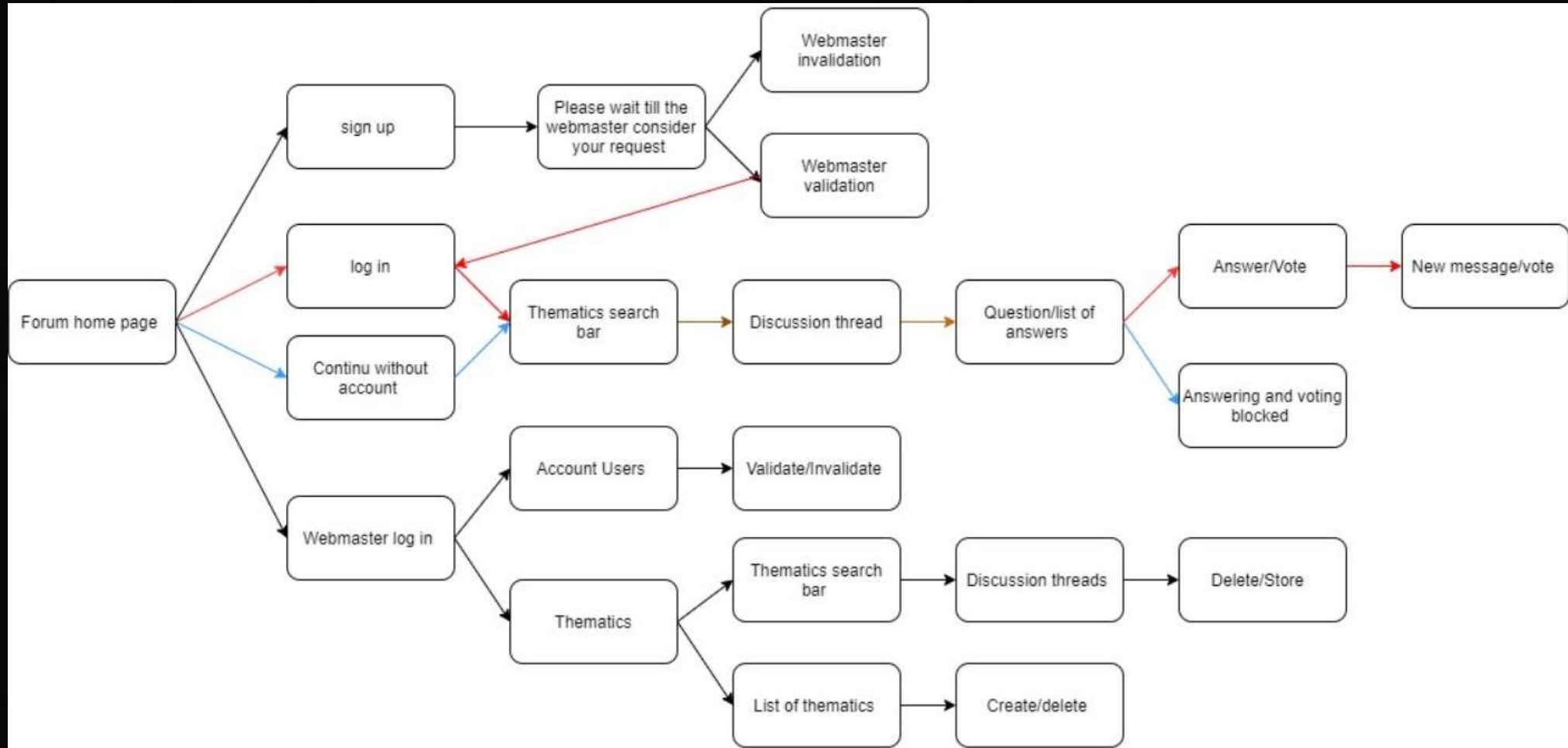
The business objects are the messages, the discussion threads, and the users. Each of them have attributes as follows :

- Discussion thread : id, question, list of answers, thematics
- User: id, name, password
- Message: id, author's name, date, list of attached documents, vote, contents

Technical proposition



Navigation scheme



Mock-ups

Sir Hans

ALL THE ANSWERS YOU NEED !

Sign Up

First name

Last name

Email address

Password

[Sign Up](#)

Already registered [sign in?](#)

Mock-ups

WEBMASTER INVALIDATION

Please continu without account

CLICK HERE TO RETURN TO
THE HOME PAGE

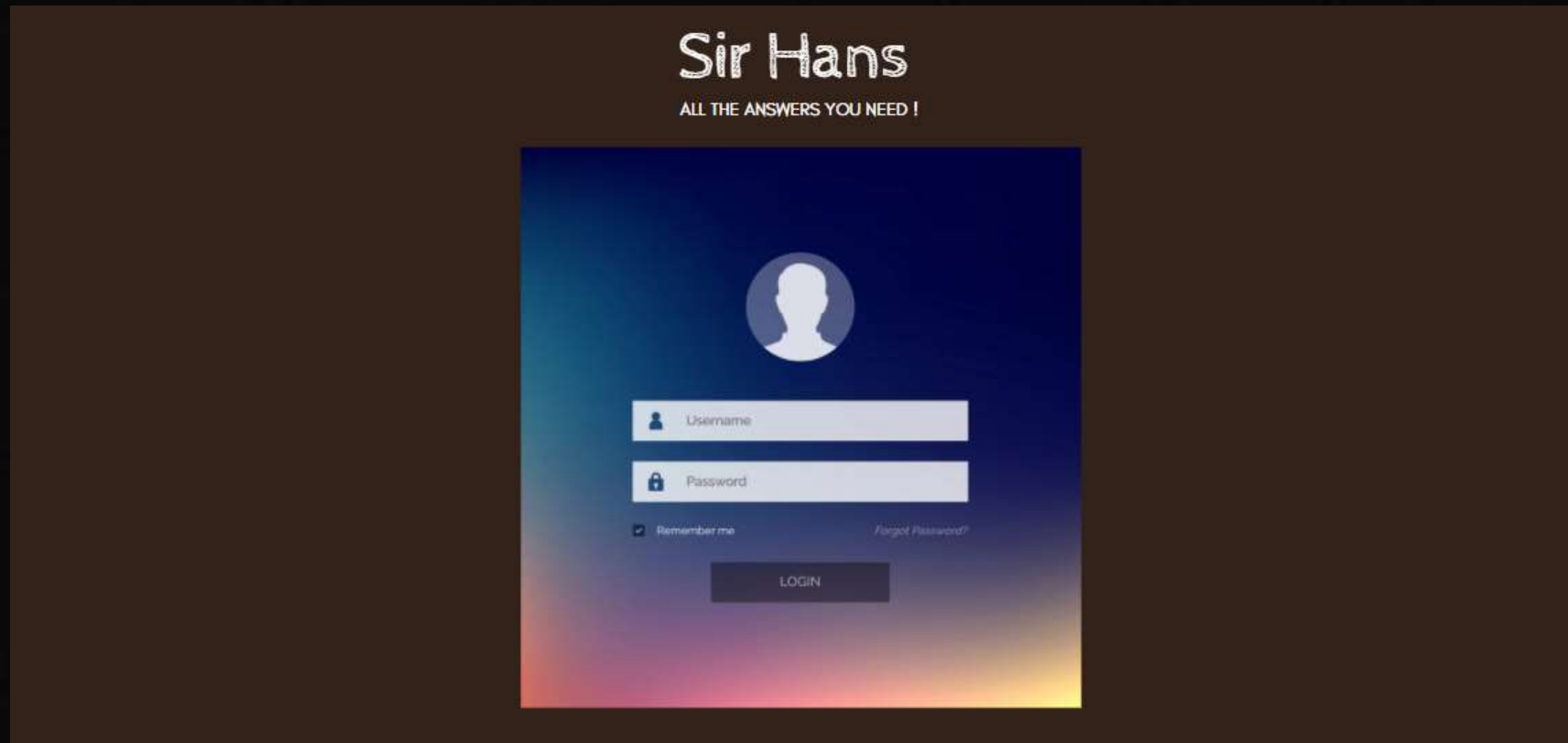
Mock-ups

WEBMASTER VALIDATION

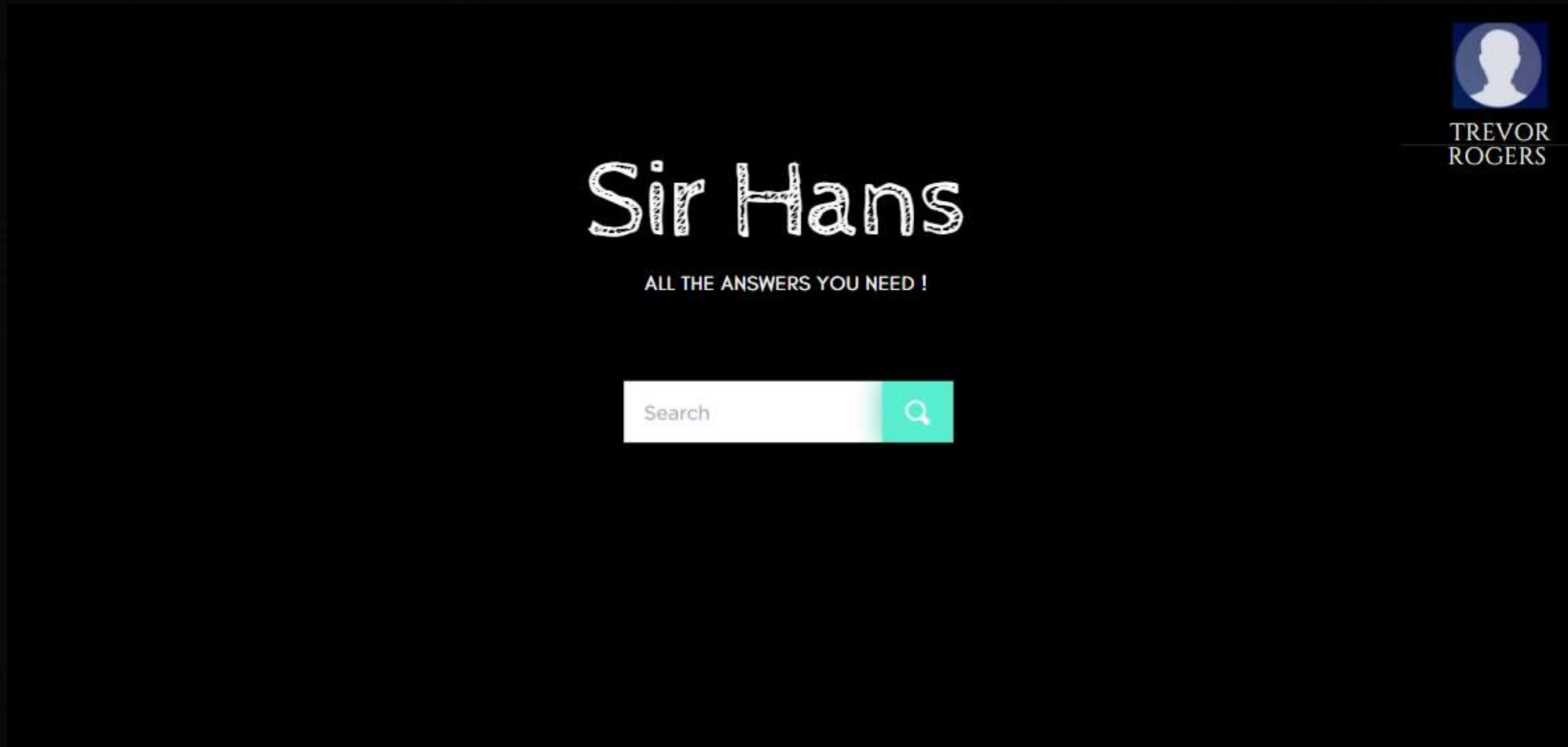
Please continue with your account

[CLICK HERE TO LOG IN](#)

Mock-ups




Mock-ups



Mock-ups


QUESTION

**Re: Greetings classmates**
by Alex Lomas - Wednesday, 24 May 2017, 2:51 PM

Nulla porttitor accumsan tincidunt. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris blandit aliquet elit, eget tincidunt nibh pulvinar a. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque velit nisi, pretium ut lacinia in, elementum id enim.

Permalink | Show parent | Edit | Split | Delete | Reply | Export to portfolio


POST (Replies)

**Re: Greetings classmates**
by Alex Lomas - Wednesday, 24 May 2017, 2:51 PM

Curabitur arcu erat, accumsan id imperdiet et, porttitor at sem. Curabitur arcu erat, accumsan id imperdiet et, porttitor at sem. Proin eget tortor risus.

Permalink | Show parent | Edit | Split | Delete | Reply | Export to portfolio


Vote

**Re: Greetings classmates**
by Alex Lomas - Wednesday, 24 May 2017, 2:51 PM

Nulla porttitor accumsan tincidunt. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris blandit aliquet elit, eget tincidunt nibh pulvinar a. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque velit nisi, pretium ut lacinia in, elementum id enim.

Permalink | Show parent | Edit | Split | Delete | Reply | Export to portfolio

Vote


**Re: Greetings classmates**
by Alex Lomas - Wednesday, 24 May 2017, 2:51 PM

Curabitur arcu erat, accumsan id imperdiet et, porttitor at sem. Curabitur arcu erat, accumsan id imperdiet et, porttitor at sem. Proin eget tortor risus.

Permalink | Show parent | Edit | Split | Delete | Reply | Export to portfolio

Vote

Answer

**TREVOR ROGERS**

Mock-ups

ANSWERING AND VOTING BLOCKED

You can not answer or vote if you do not have an account.

[CLICK HERE TO RETURN TO
THE HOME PAGE](#)

Mock-ups



Mock-ups

Sir Hans

ALL THE ANSWERS YOU NEED !



WEBMASTER



List of thematics

Mock-ups

Sir Hans

ALL THE ANSWERS YOU NEED !



WEBMASTER

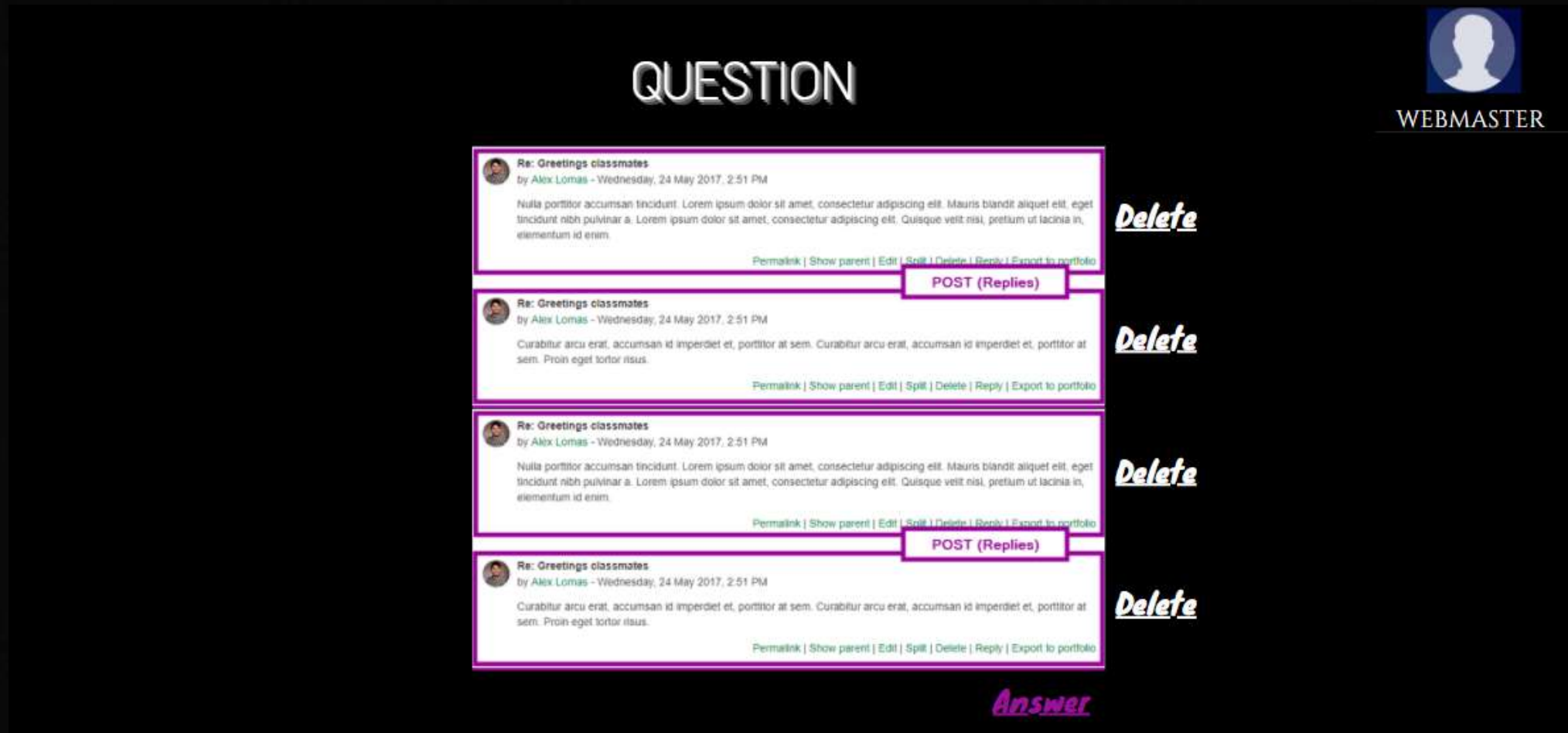
Subject Guides

- | | | | |
|-----------------------------------|------------------------------------|-------------------------|----------------------------|
| • Animal Behavior | • Creative and Fine Arts | • Liberal Studies | • Pharmacy |
| • Anthropology & Archaeology | • Data Science | • Makerspace | • Philosophy |
| • Applied Exercise Science | • Dental Hygiene | • Marine Sciences | • Physical Therapy |
| • Aquaculture & Aquarium Sciences | • Dental Medicine | • Mathematical Sciences | • Physician Assistant |
| • Athletic Training | • Education | • Medical Biology | • Political Science |
| • Biology | • Educational Leadership | • Medicine | • Psychology |
| • Business Administration | • English | • Neuroscience | • Public Health |
| • Chemistry & Biochemistry | • Environmental Sciences & Studies | • Nurse Anesthesia | • Social Work |
| • Communications | • Health Informatics | • Nursing | • Sociology |
| | • History | • Nutrition | • Sport Management |
| | | • Occupational Therapy | • Women's & Gender Studies |
| | | • Ocean Food Systems | |

Delete

Create

Mock-ups



Mock-ups



Mock-ups

Sir Hans



WEBMASTER

ALL THE ANSWERS YOU NEED !

USERS

<input type="text" value="Filter"/> DOWNLOAD CSV					
User	Organization	Email Address	Created On	Last Login	
admin	acme	devops@example.com	2020-04-20	2020-04-21	
helen	acme, acme-emea	helen@example.com	2020-04-20	2020-04-21	<button>DELETE</button>
keshav	acme	keshav@example.com	2020-04-21	2020-04-21	<button>DELETE</button>
magnus	acme-emea	magnus@example.com	2020-04-20	2020-04-20	<button>DELETE</button>
wes	acme-emea	wes@example.com	2020-04-21	2020-04-21	<button>DELETE</button>

NEW USERS

<input type="text" value="Filter"/> DOWNLOAD CSV					
User	Organization	Email Address	Created On	Last Login	
admin	acme	devops@example.com	2020-04-20	2020-04-21	
helen	acme, acme-emea	helen@example.com	2020-04-20	2020-04-21	<button>DELETE</button>

Validate

Invalldate

Webservices

Type	URL	Behavior
GET	https://localhost:8080/ws/Discussion	Get a discussion
POST	https://localhost:8080/ws/Discussion	Crreate a discussion
POST	https://localhost:8080/ws/Discussion	Add a message to a discussion
DELETE	https://localhost:8080/ws/Discussion	Remove a discussion
GET	https://localhost:8080/ws/Message	Get a message
GET	https://localhost:8080/ws/Message	Get the list of messages which have this author
GET	https://localhost:8080/ws/Message	Get the list of messages which have this vote
GET	https://localhost:8080/ws/Message	Get the list of messages which have this type (answer or question)
POST	https://localhost:8080/ws/Message	Create a message at this date
DELETE	https://localhost:8080/ws/Message	Remove a message at this date
POST	https://localhost:8080/ws/User	Test the identity
POST	https://localhost:8080/ws/User	Return the list of users by name
GET	https://localhost:8080/ws/User	Return a user by id
POST	https://localhost:8080/ws/User	Create user

Persistent layers

```
public class Discussion{
    Long id;
    String question;
    List<String> answers;
    String thematics;

    public List<String> getAnswers();
    public String getQuestion();
    public String getThematics();
}
```

```
public class User {
    Long id;
    String name;
    String lastName;
```

```
    public String getType();
    public String getName();
    public String getLastName();
    public String getEmail();
}
```

```
public class Message {
    Long id;
    String author
    Date date;
    List<?> attacheddocuments;
    Long vote;
    String contents;

    public String getWriter();
    public Date getDate();
    public String getContents();
    public long getVote();
}
```