

Specification Document

StackOverflow-Like

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UML Analysis

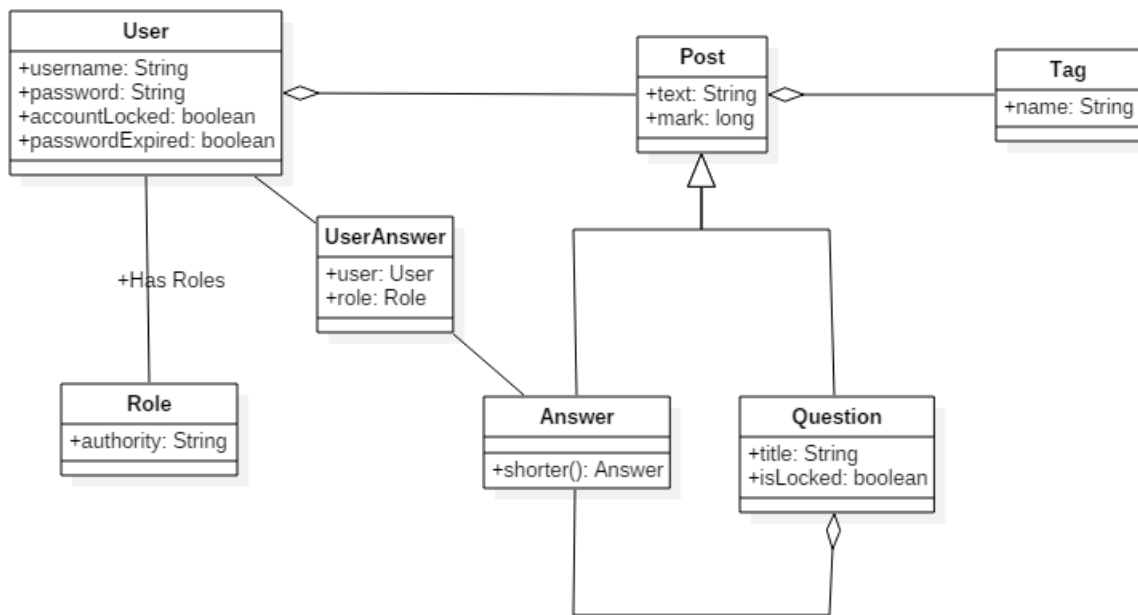


Figure 1 : Class Diagram of the application

Functional specifications

Here, we will list all the features included in our application.

Basic features :

- Anybody can register as a user, and directly log on his account.
- Anybody can view questions displayed on home
- Users can post questions
- User can answer to questions
- Every user has a page where you can see the number of posts he submitted, and his latest posts.
- The application includes a search feature by tags, and by words.
-

Question features :

- Users who asked a question can edit it in order to add details or remove a typo
- Users can access to an user profile from the question page
- Users can answer to a question

- Questions have titles.
- Users can add tags to their questions, in order to make them easily findable by other users, when they use the “Search By tag” feature.

Answer features:

- An user can edit his answer.
- Users can upvote or downvote answers, in order to make them more visible to the community
- Users can cancel or change their votes whenever they want
- Answers are sorted by their score

Admin features:

- Administrators can lock a topic when they think the question is solved, or if answers are not relevant anymore, and unlock it afterwards, thanks to a button located on the page of every question.
- Admins can access to the Spring Security UI features in order to manage users’ accounts, promote users to the role of administrator, lock accounts and modify a lot of things.

UI Mockups

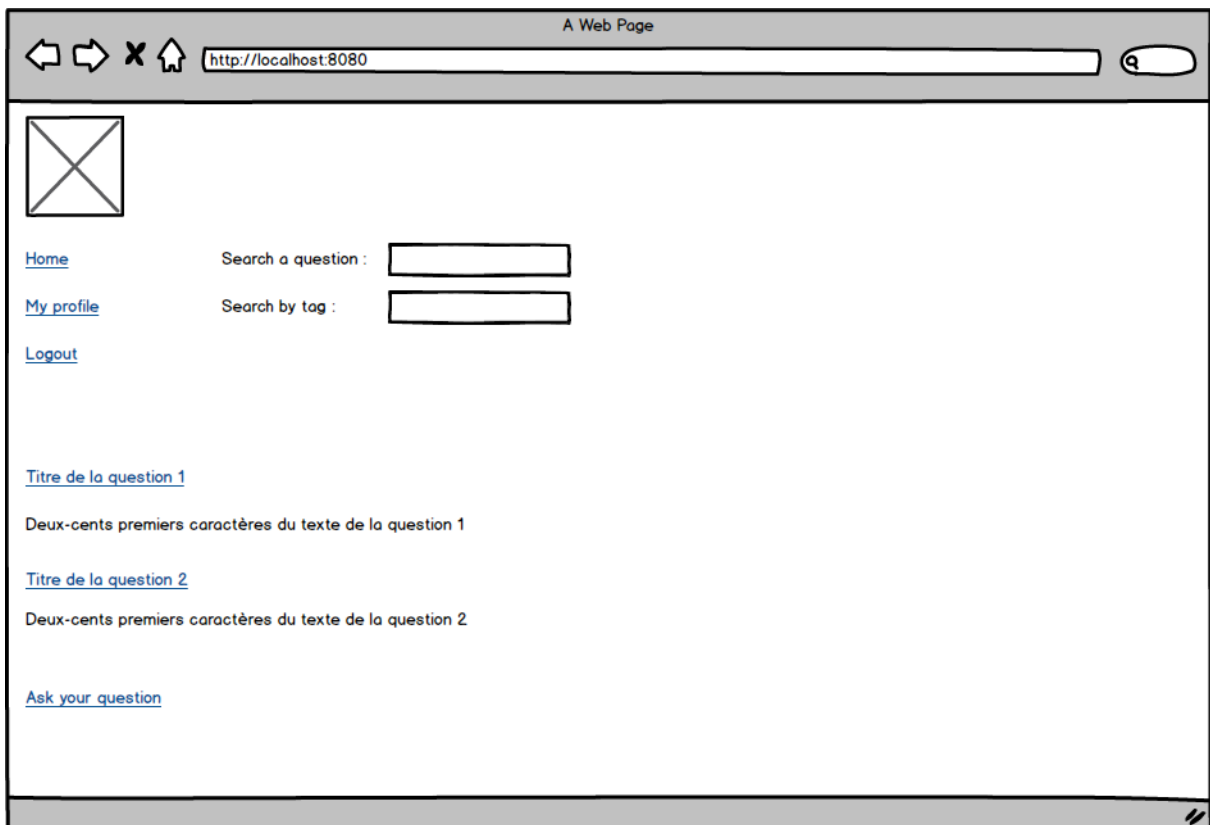


Figure 2 : Homepage without being logged in

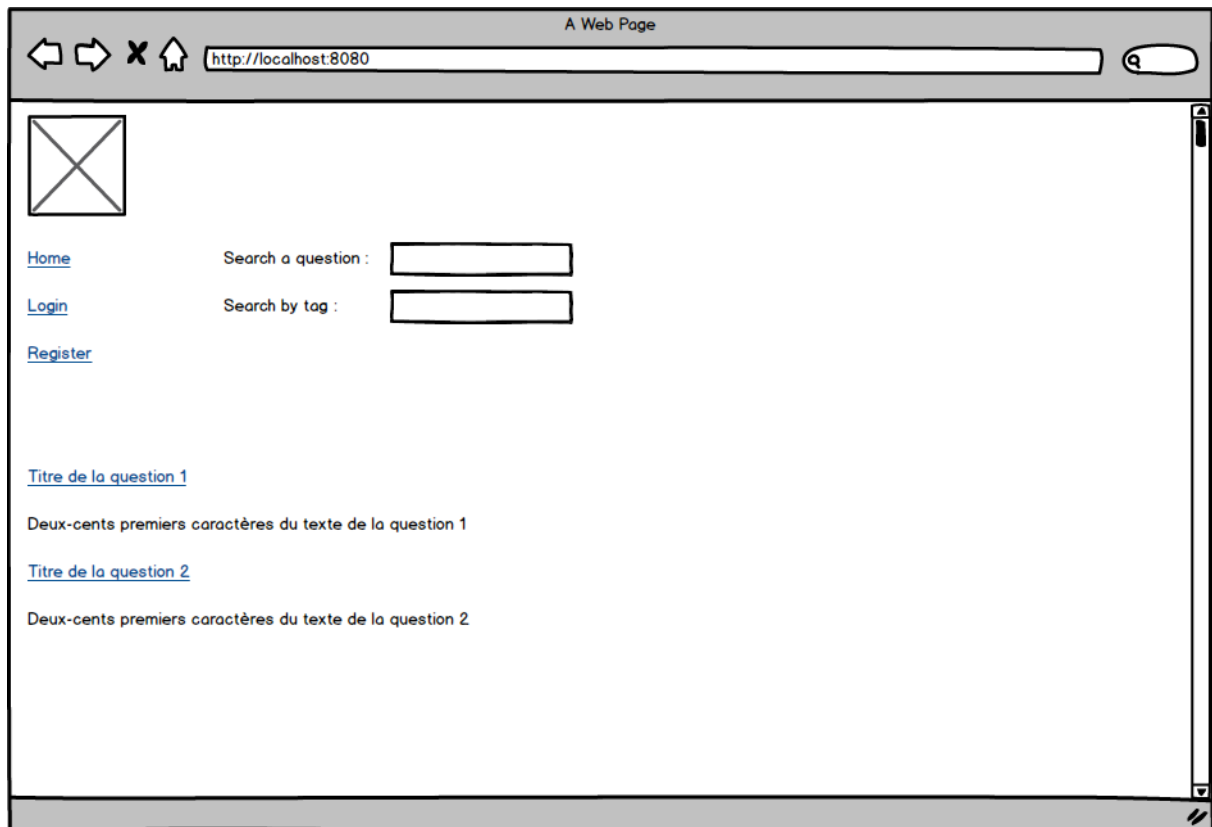


Figure 3 : Homepage while being logged in

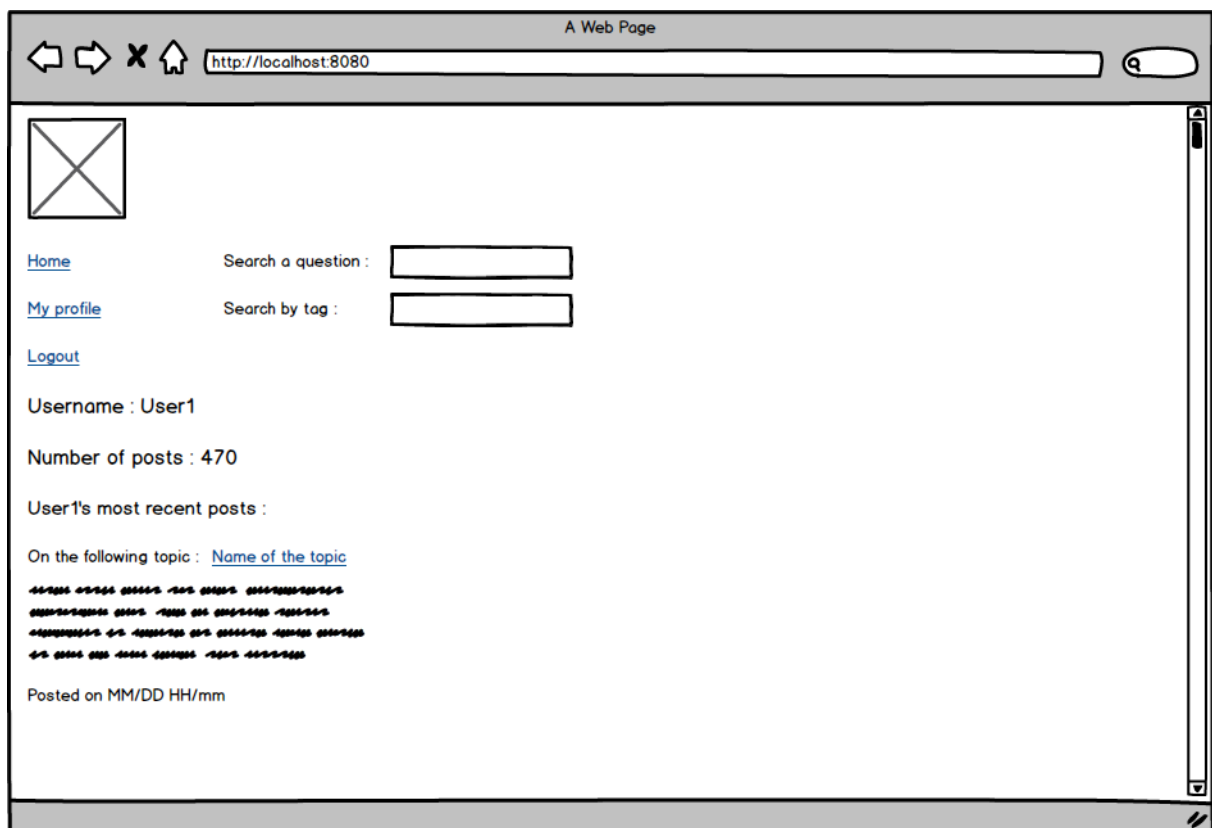


Figure 4 : User page

A Web Page

http://localhost:8080

Register

Username

Email


Password

Repeat password

Figure 5 : Register screen

A Web Page

http://localhost:8080



Please login

Login :

Password :

☐ Remember me

Figure 6 : Login screen

A Web Page

http://localhost:8080

Q

[Home](#)

[My profile](#)

[Logout](#)

Search a question :

Search by tag :

Title :

Tags :

Figure 7 : Post a question screen

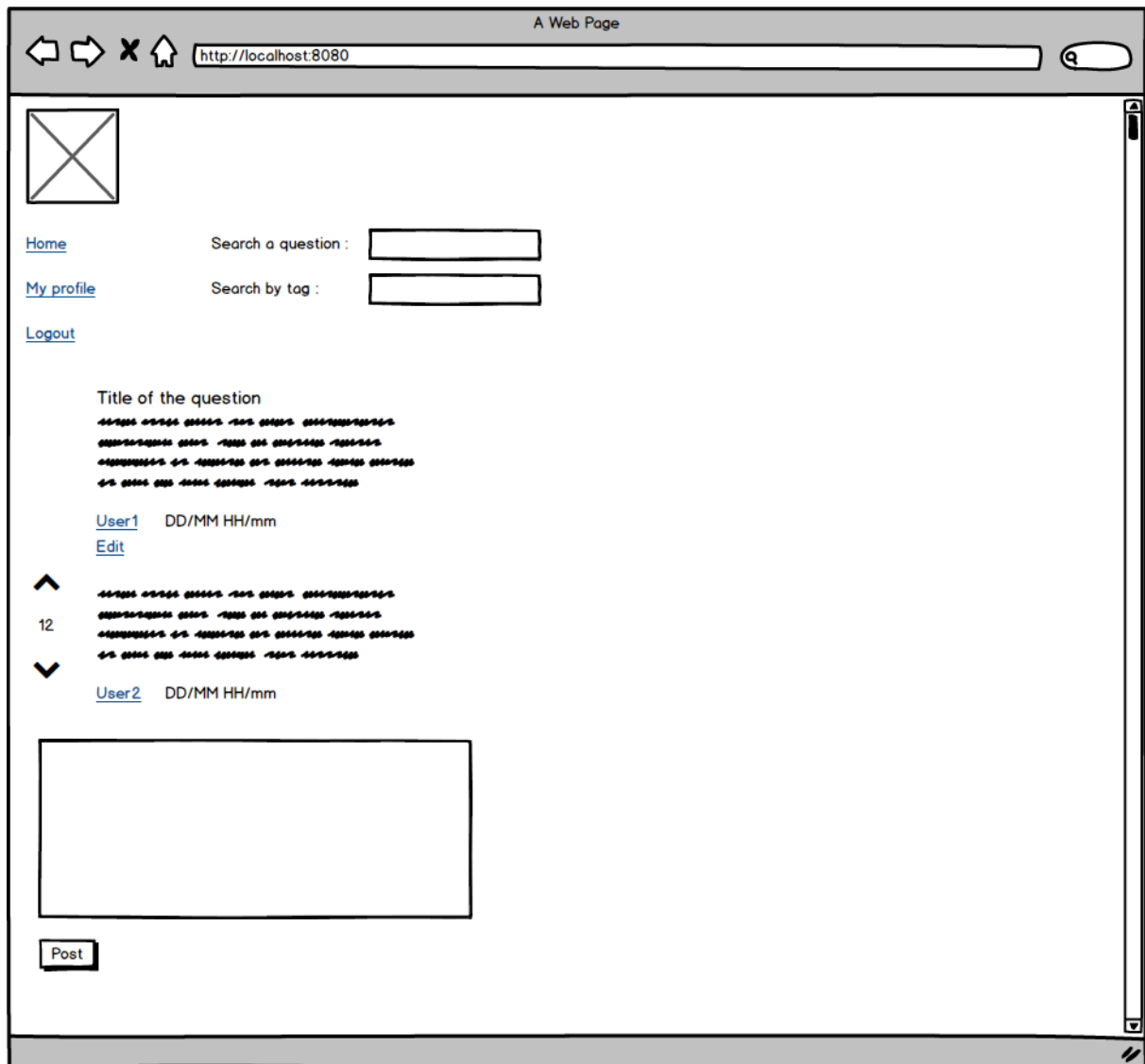


Figure 8 : Question page

Additional informations

In order to make the application more easily testable when we launch it, we created two users by default, one called « me » (password : password), which is an admin account, and user (password : user) which is a regular user.

We also created a few questions with answers, to test features like displaying and editing.