Time: 2h

Name:...
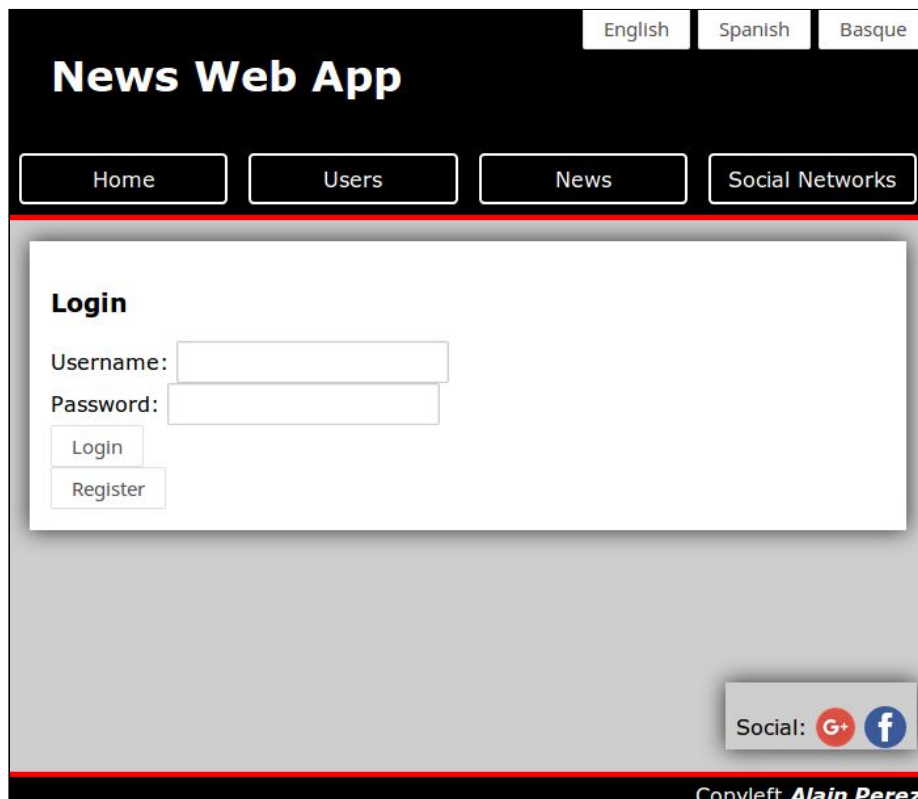
You will receive a zip file with all the needed content. Execute the SQL file to create the **social** table. Copy exam_style.css file to your css folder and add it to your code.

The objective of this exam is to add the "Social" content type to the exercise done in the exam. You must use the patterns you learned in class (DAO, Facade, JavaBean...).

Draw also your MVC design of what you have done.

The code must support localization, so don't add text manually in the view. Nevertheless, adding the resource strings for Multilanguage is only 0.5/10 points, so do not waste time in this task at the beginning.

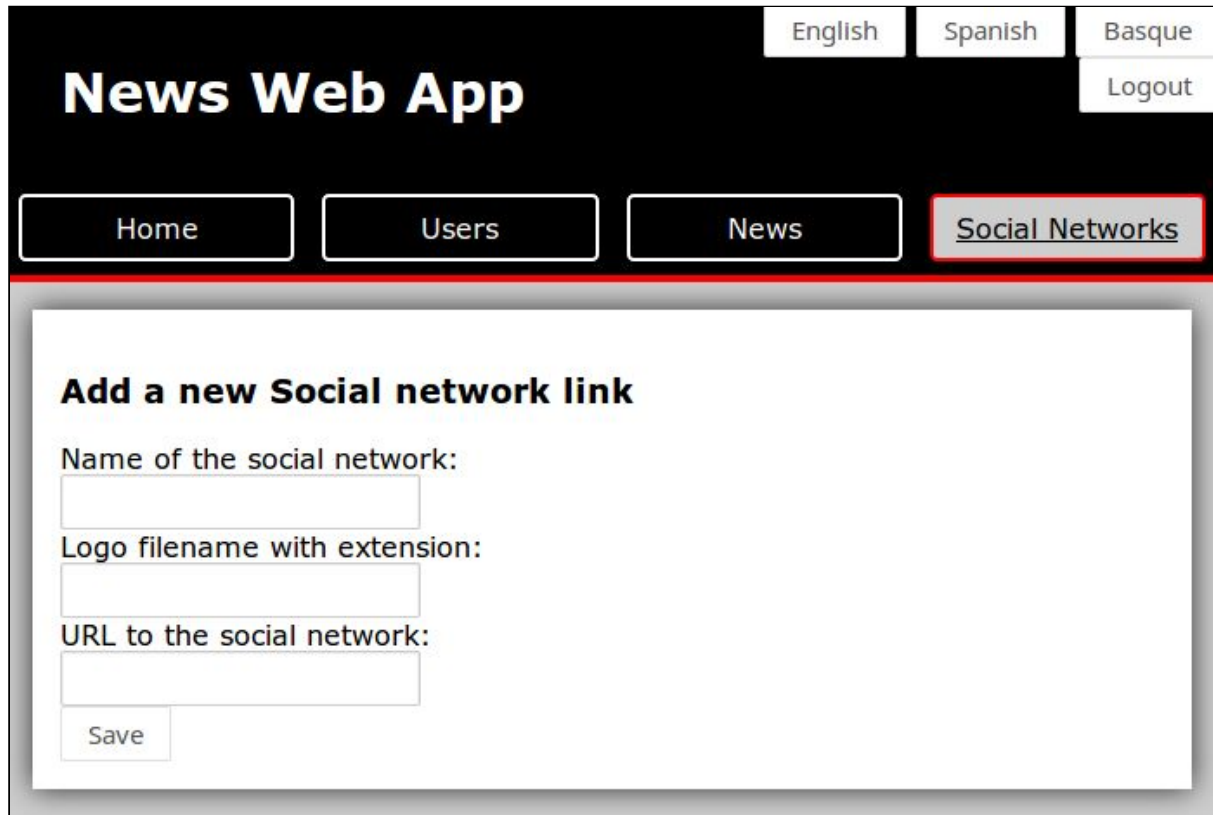When you are finished you will need to upload the entire eclipse project in a zip file.

Exercise 1 - Creation (5pt)

Add a **Social Networks** link in the header.

When it is clicked, a Form must appear in order to create social "elements". The form must have 3 fields:

- **Name (socialName)**: The name of the social network. (Goolge plus, Twitter, Facebook...)
- **Logo (logoUrl):** the URL to the logo of the social network in your project. (gplus.png, twitter.png, facebook.svg...).
- **URL (socialUrl):** the URL to the social network (https://plus.google.com, https://twitter.com, https://facebook.com ...)
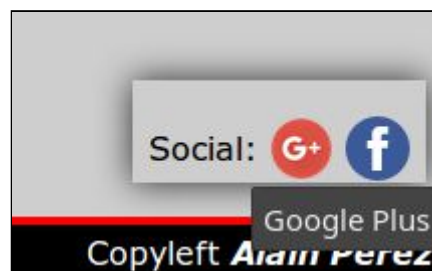
Exercise 2 - Social Section (2pt)

Use an existing **template** or create a new one to show all social network links. Every time a user logs in, or every time a social network **controller** is called, all social networks must be loaded (think about the best scope for the variable!).

The social link must send us to the Social network. When we put our mouse over the socialNetwork div, the name of the social network should appear.

The css is prepared to work with this html:

```html
<section id="social">
  <span>Social Networks:</span>
  <div id="socialNetwork"...>
      <a ...><img .../></a>
      <form...>
  </div>
  <div id="socialNetwork"...>
      <a ...><img .../></a>
      <form...>
  </div>
  ...
</section>
```
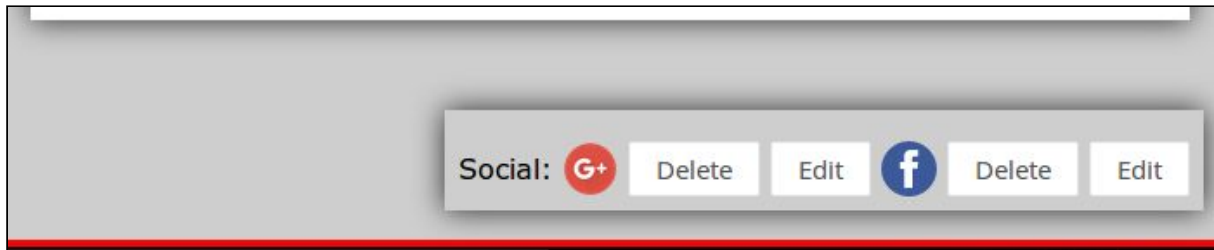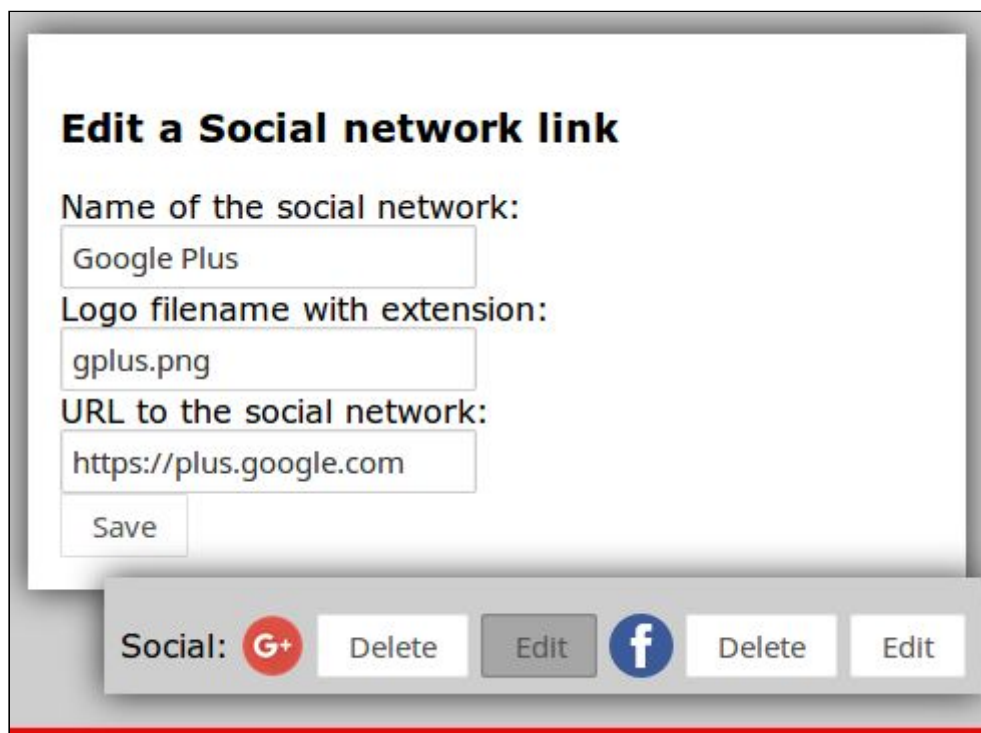
Exercise 3 - Social Section (2pt)

Create Edit&Delete buttons in the social section on the right of each link.

The edit button must take you to the edit form, The form must be pre-populated with the old data.

The delete button should delete just the selected social element.

Exercise 4 - Extra stuff (1pt)

Only logged users should be able to create/edit/delete the social elements. So take it into account in the controller. Moreover, only logged users should see the edit&delete buttons in the social section. (0.5pt)

Add the Multilanguage strings for each language. If you don't know Basque, add any text in other language in the Basque resource file. (0.5pt)