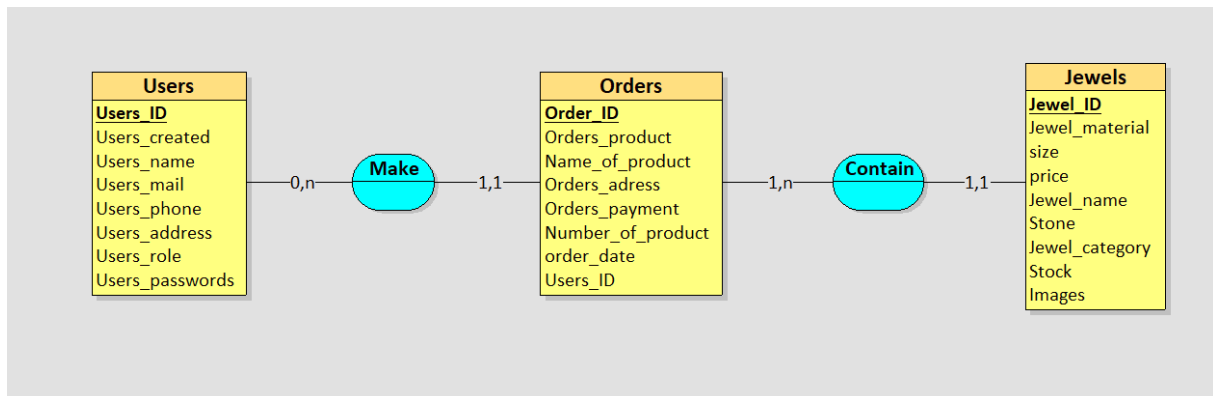


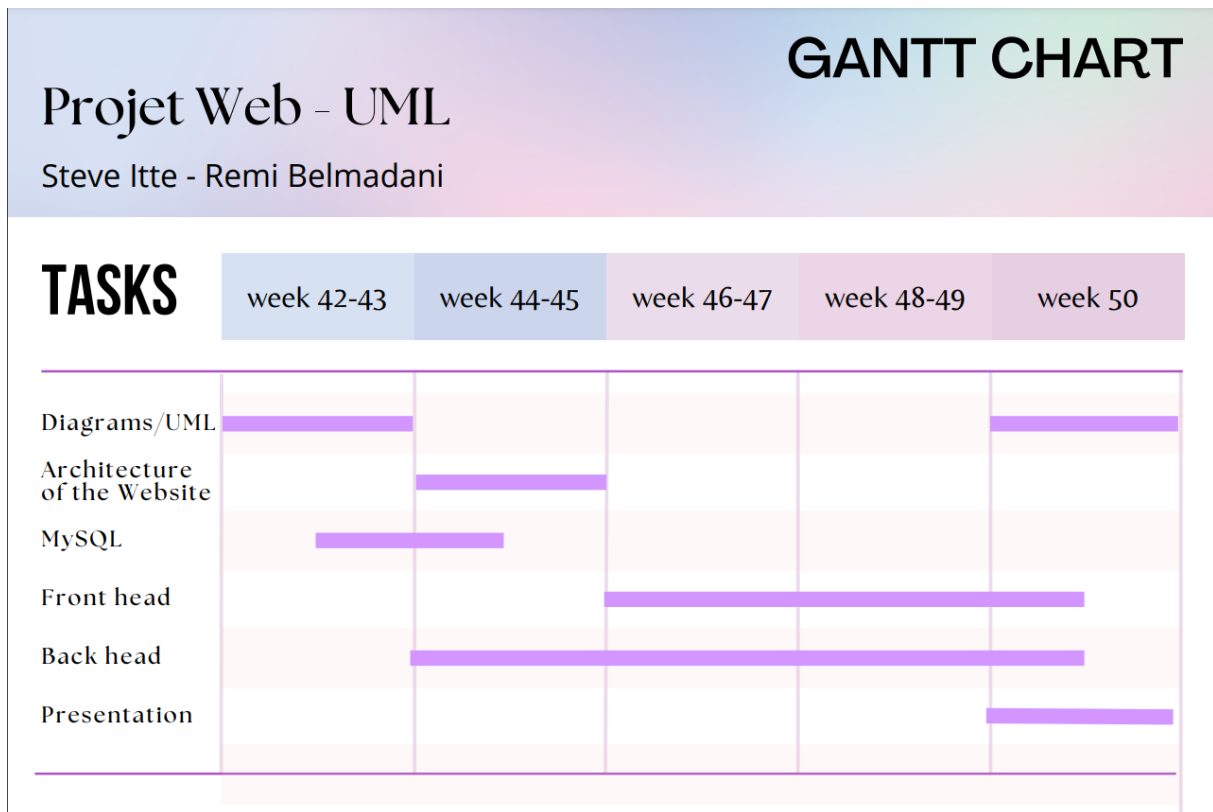
UML Diagrams :

Entity Relation



We can see our 3 tables we used in MySQL for the tables of our site.

Gantt Diagram



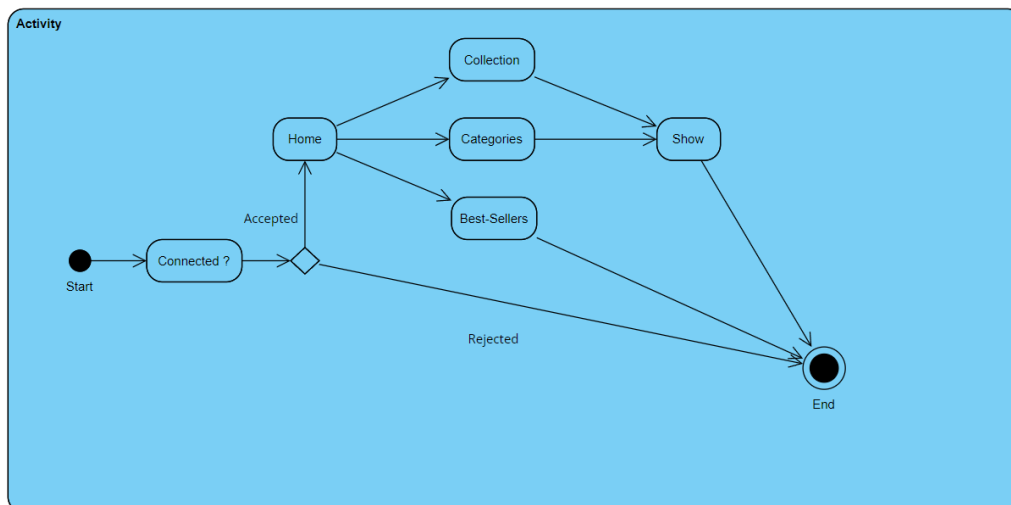
This is our Gantt Chart. During the project, Steve Itte makes controllers, repository and few of ejs and sql. I did Sql, css and all views.

Use case diagram



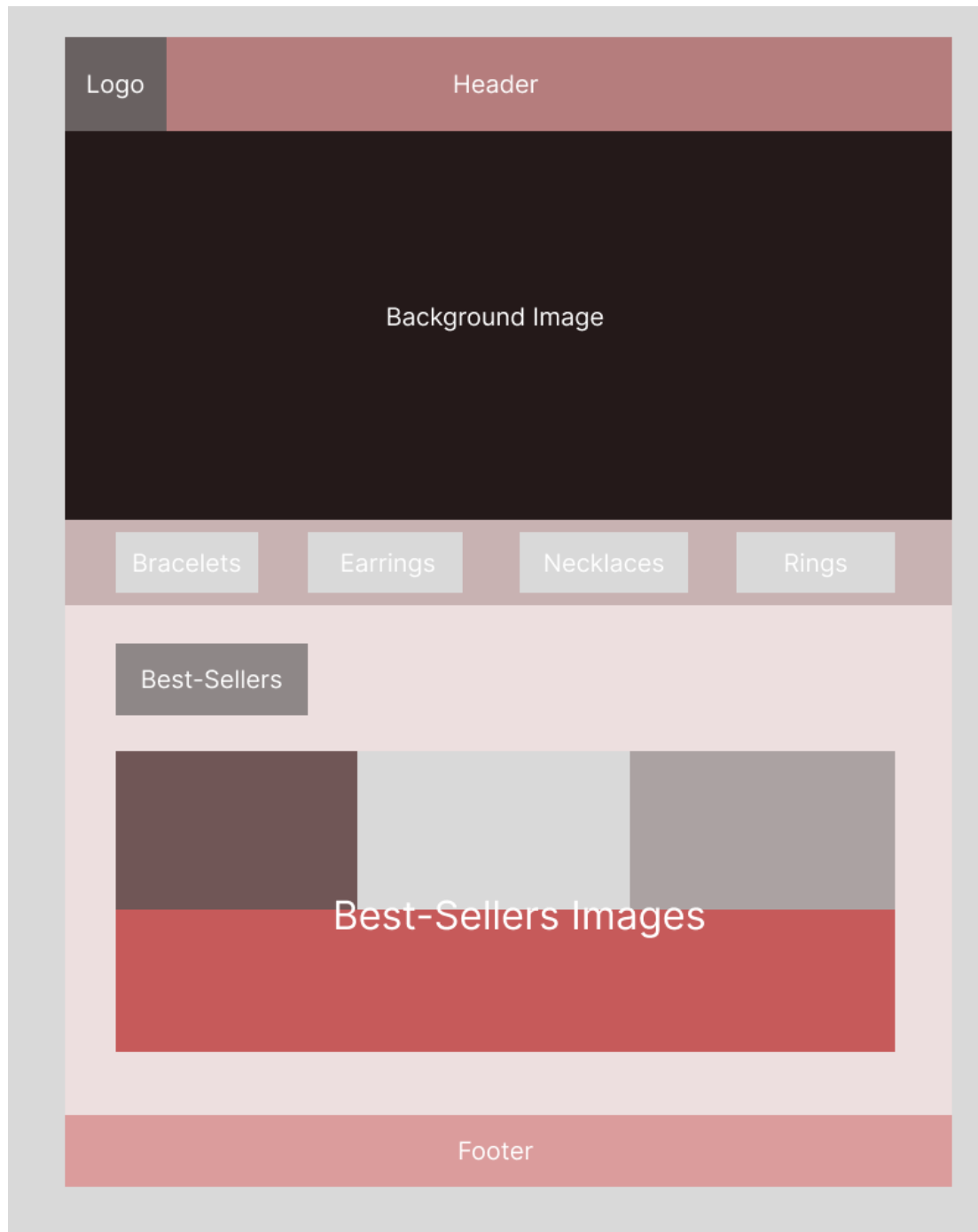
This is the use case diagram of the Home Page. In the Home page, we can click on the button Home, Collection, Association, Log in and about page. We can click in categories like bracelet, necklace, ring and earring to apply directly a filter. We can also click and best sellers and directly see the item. An admin can delete and edit best-sellers and all the other items.

Activity Diagram



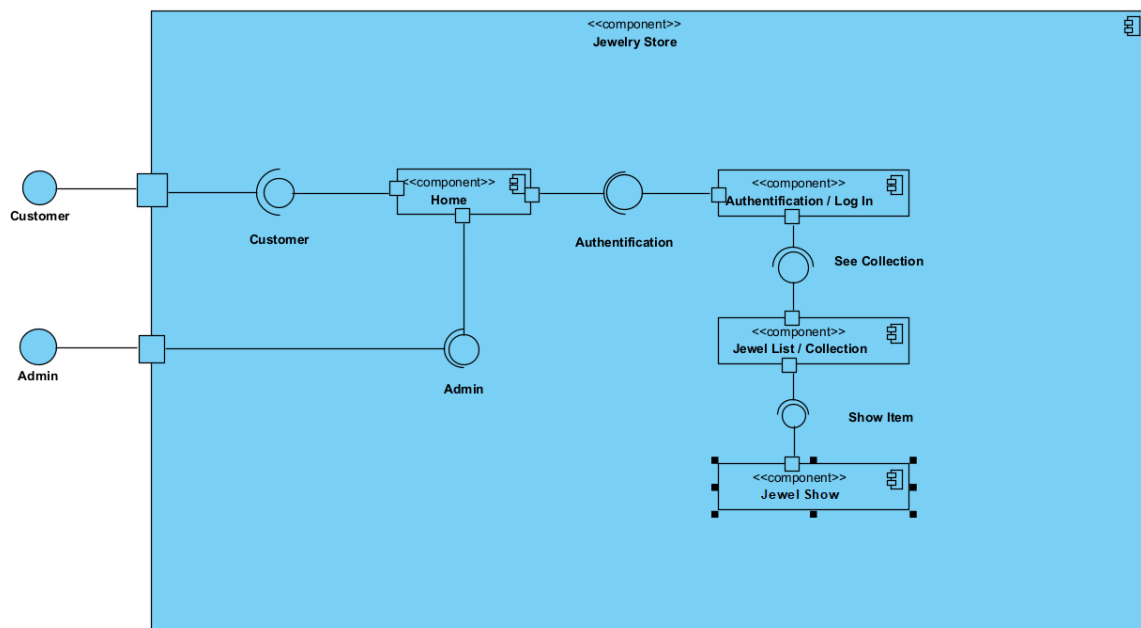
When someone arrive in our site, he needs to log in. When he is log in, he goes to Home and you could show an item by several ways. Firstly, you can go to categories (bracelet, earring, necklace, ring) and press show item. Secondly, you can go to collection and click on show. Finally, you can just select a best-seller in the home page to directly show the item. If the customer is not connected, he will stay at the authentication page.

WireFrame Home



We have in the header the navigation bar and the logo, we have our background image and below link to access to categories. It a page that applies directly a filter. Below, we have Best-sellers, and if we click on one of the jewels it takes us directly to the show page of the jewel. And the footer is at the bottom of the page. We have on the footer a navigation bar with Home, Collection and the about page.

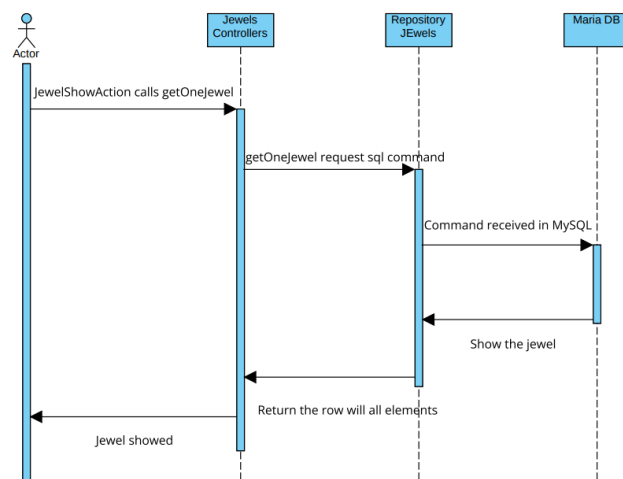
Component Diagram



This is the component diagram for someone who wants to show a Jewel. During the process the customer use the home view. He needs to authenticate himself in the auth view and see the collection in Jewels List view and can see a specify jewel in the jewel show view.

Sequence diagram

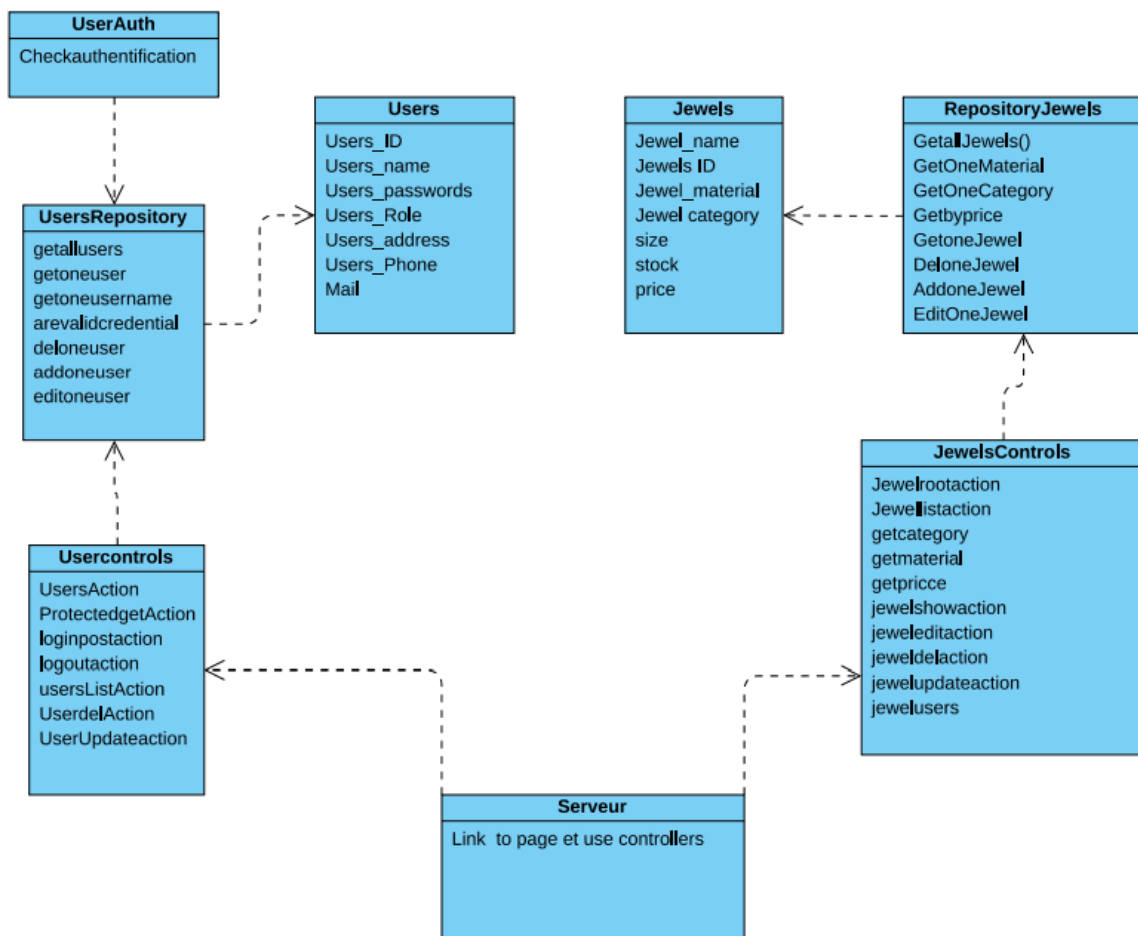
Visual Paradigm Online Free Edition



We will see the process for someone who wants to show a jewel. When he wants to show a jewel, the customer use the function JewelShowAction. This function calls getOneJewel. getOneJewel request the sql and ask to show the objet. The data base in sql return the row with all elements about the jewel. The jewel is showed.

Class Diagram

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We can see all class that we have. The server depends on the controllers. The controllers depend on the repository because they need the function and the sql request in the function in the repository. The repository depends of the sql because all of the data can be upgrade with the function in the repository.