

# Twittech

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## Introduction

This is an application very similar than twitter, but we have focused in the new technologies where the users will exchange information about all the themes who they want.

The application is very useful in order to the own communication between the users, you can published in your account some information about some theme that you consider so interesting or to ask one thing that you want to know.

It is an easy application in order to log and to use it which brings in lot of information, so that it facilitate the search to you in order to find the information that you want to have.

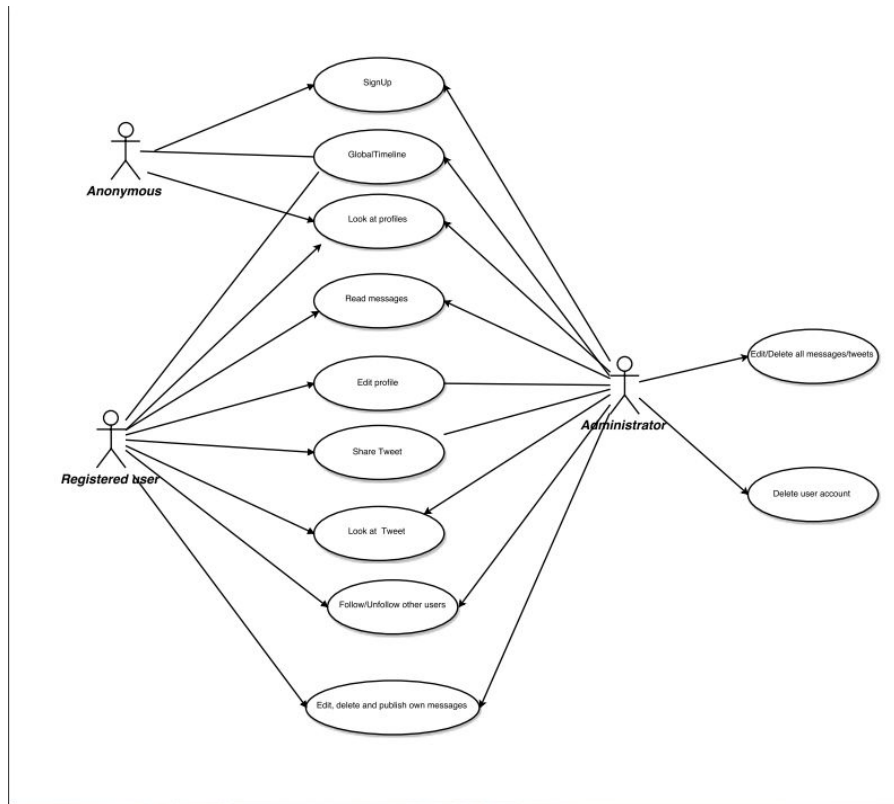
**(introduction from seminar 1)**

## Functionalities:

1- Use Cases→ This diagram pertain at the uses cases diagram of the three types of users.

User's Roles in the project:

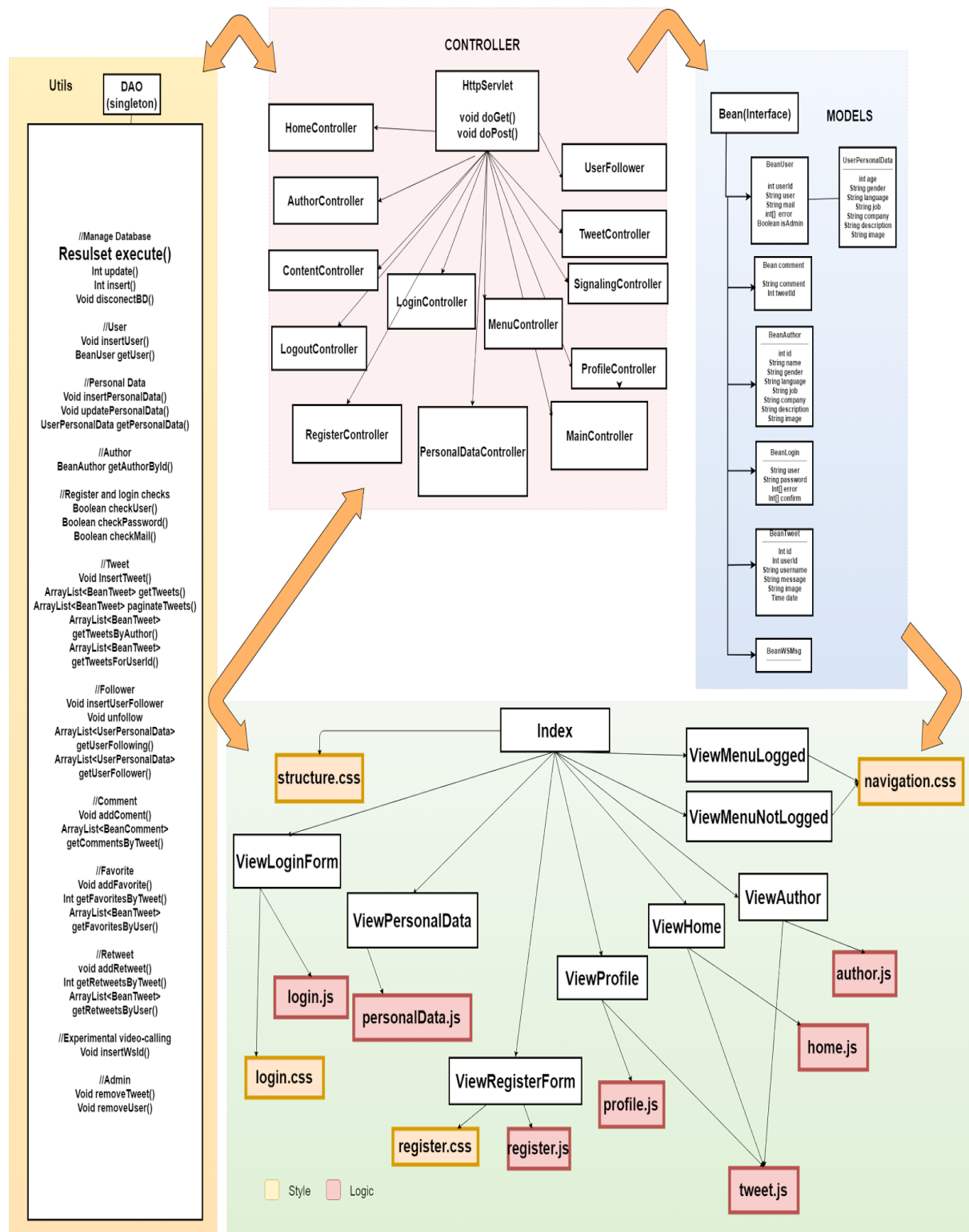
- **Anonymous** : This is the most limited role user. It doesn't need an app account but its actions are restringed.
- **Registered** : Users with account requires a previous registration process and a posterior login process. They are free to use most of the application functionalities.
- **Administrators** : This users are registered user too with additional functionalities for maintenance tasks.



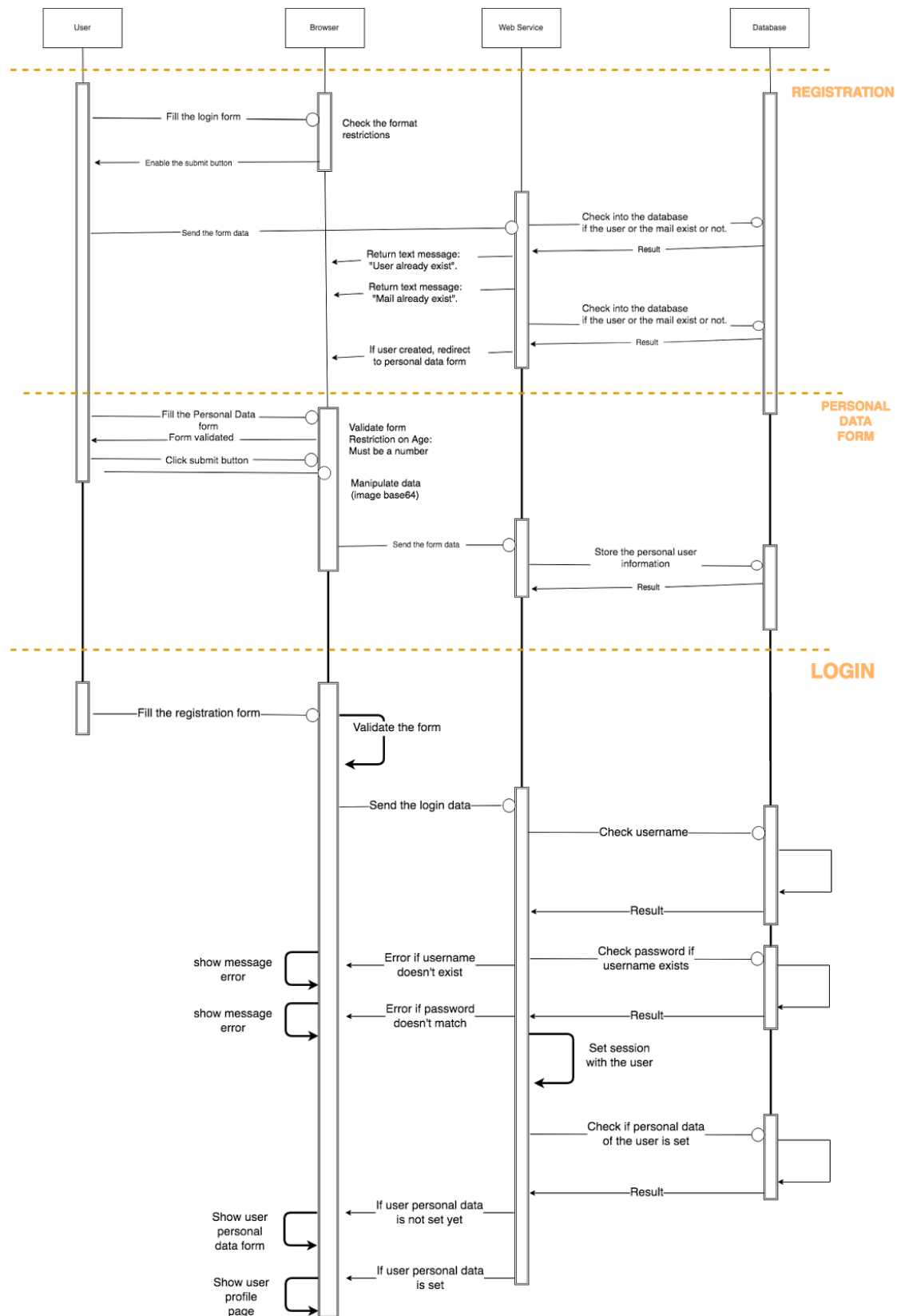
The new functionalities respect the before report are:

- In the anonymous user → The Global Timeline where they can look at the most popular tweets and now can not read messages of other people only the most popular tweets that have the twittech.
- In the registered user → The Global Timeline too where they can see the most popular tweets and the Personalize Timeline where they can see all the messages of the people who they follow, unfollow other people where, before of it, only can follow and share and look other tweets.
- In the administrator user → The administrator can do all the new functionalities of the anonymous and registered in order to maintenance and edit all.

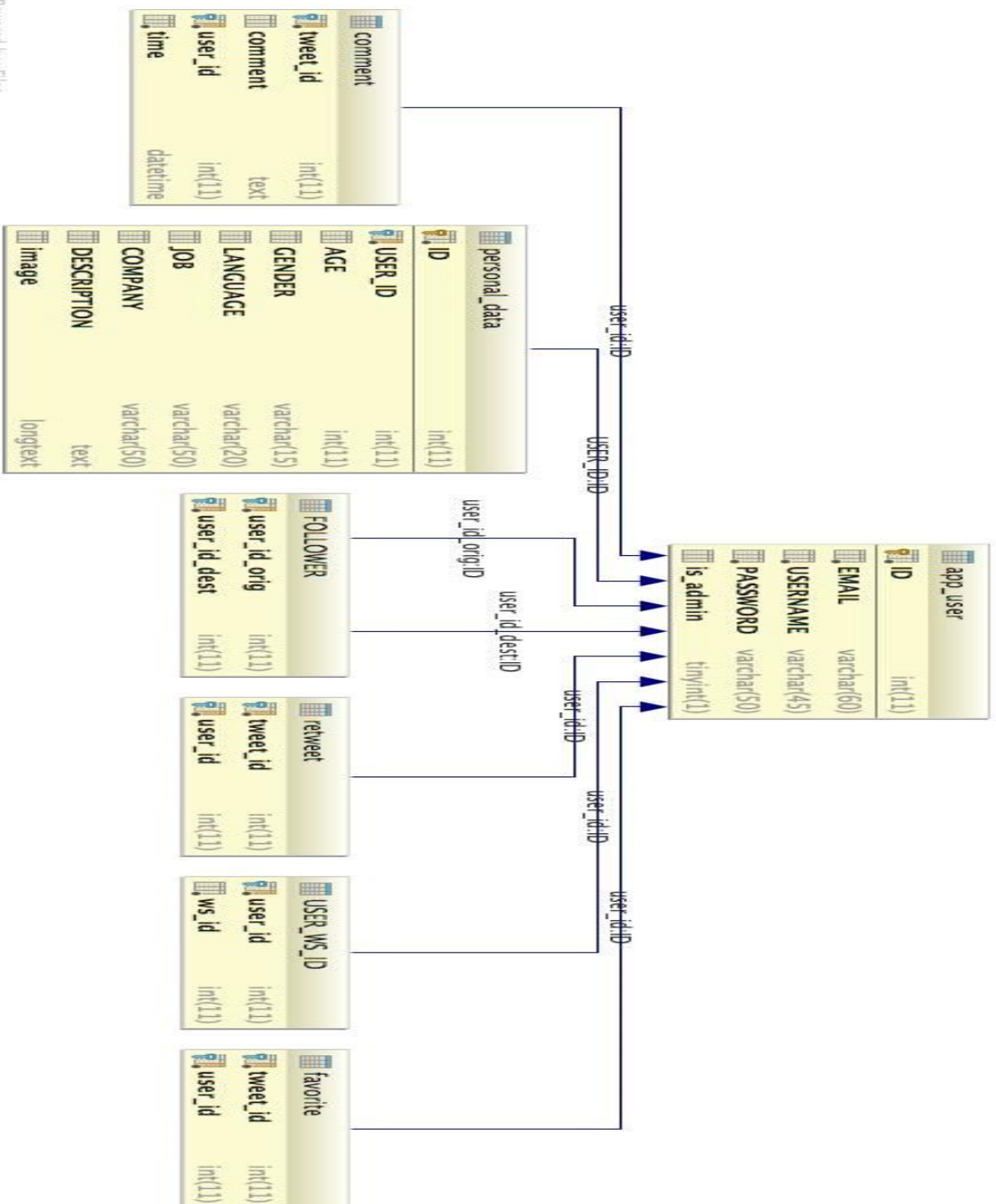
2- Classes Diagram→ This diagram pertain to the organization of all the classes in the project.



### 3- Sequence Diagram→ This diagram pertain to the form to run the project.

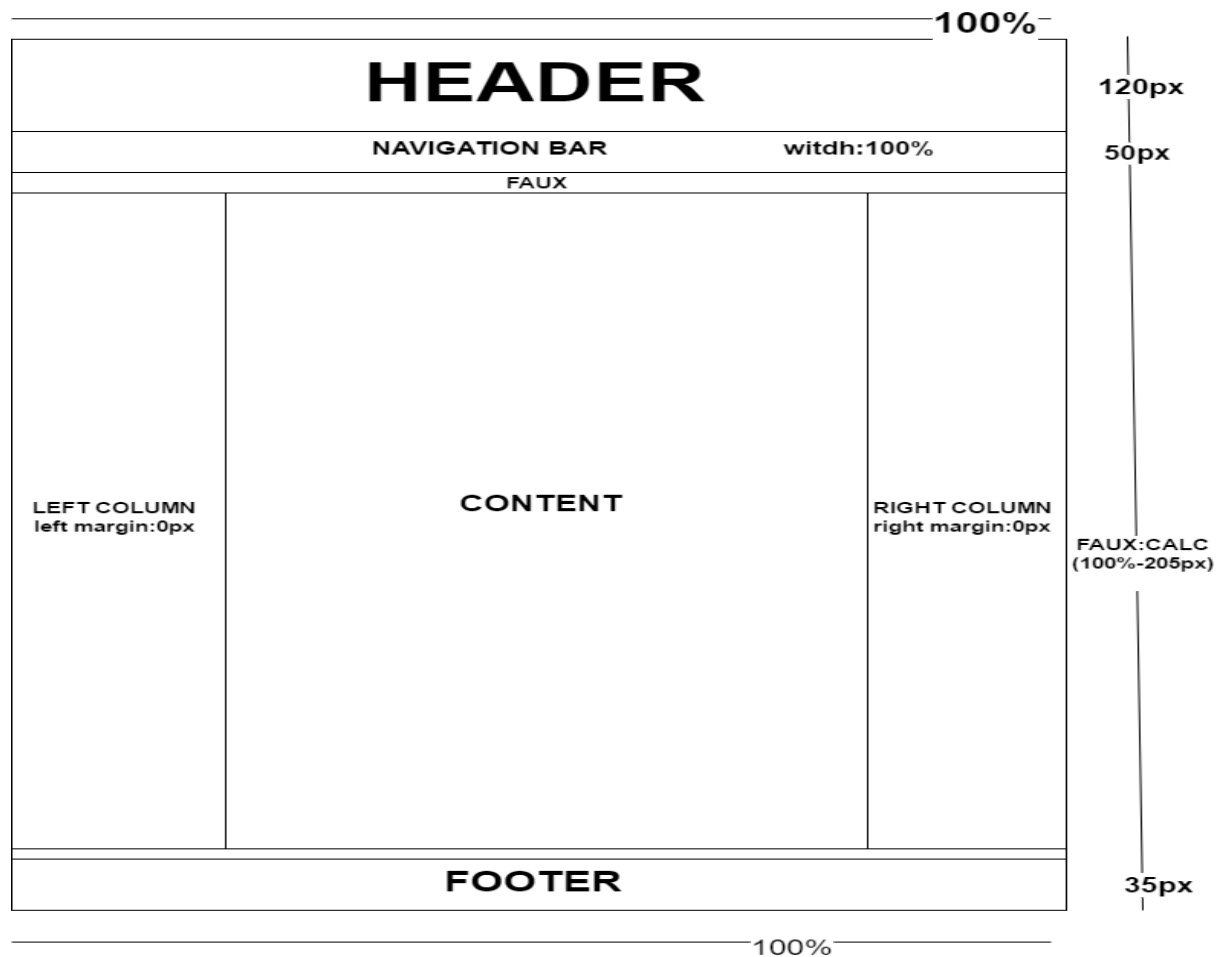


## Database:



## Style:

That represents the general web page structure of own project that it's corresponding into a Single Page Application(SPA) where all the different pages of the project are based in this layout.



It is the general web page with this general characteristics: no margin in both columns, a width and height of 100%, a header of 120px, a navigation of 50px, a footer of 35px and, finally, the body of 100% or 205px.

Now we explain the specifications of the general layout, the correspondent css structure:

- **ALL** → We have no margin and no padding in all the layout.
- **Body** → In the Body of the pages we decided to use an Arial, Helvetica and sans-serif typography with a font-size of 13px.

- **Wrapper** → The wrapper of the pages have no margin or auto margin with a width and height of 100%, a display of flex and the flex-flow correspond to a column nowrap and, finally, and absolute position.
- **Faux** → That have and auto overflow with a width of 100%, display corresponding to flex with a value of 1 and a flex-flow with row nowrap.
- **Header** → The header of the pages have a #333 colour with a width and height of 100% and no margin, finally have a #D1DBDB background.
- **Navigation** → The navigation have no margin, a #333 colour like all the project with a background of #ABBEBE and a padding of 10px.
- **LeftColumn** → The leftColumn of the pages have a width of 195px, a padding of 10 0 10 10px and the same colour of the other, the #333 colour.
- **Content** → The content have margin of 10 13px, a flex display with value of 1 the flex and the colour #333 too.
- **RightColumn** → The right column have a width of 195px, a margin of 10 10 10 0px and the same colour, #333.
- **Footer** → The footer of the pages have a both clear with a 10 0px padding, the #333 colour and #ABBEBE background and a width of 100%.
- **.Clear** → Controlling the behavior of adjacent floating elements with a both clear and none background.
- **.Row** → Corresponding to the grid, have a flex display and flow-flex corresponding to a row nowrap.
- **.Column** → it has a flex display with a flex-flow of column nowrap.