HCI requirements

Functional Requirements:

1. The web application must show basic information of 2 careers selected by the user for comparison (work environment, importance, study plans, user experiences)
2. The web application must display detailed information on a career selected by the user (specific work environment, meaning, specialties or postgraduate degrees).
3. The web application should display graphs and statistics (salary, job demand, student entry, student egress) of the career selected by the user.
4. The web application must contain a user support/help module to assist them in its navigation and usage

Nonfunctional Requirements:

1. The system must have a small learning curve to use and be accessible to people with basic computer knowledge.
2. The terminology and symbology must be simple and representative for the actions, functionalities and options in the web application.
3. The waiting time between user interaction and the web application mustn't be above 2 seconds.
4. The web application will have as MVC implementation design (model-view-controller)
5. The web application must be capable of operating adequately with up to 100,000 users with concurrent sessions.
6. The web application must have well-formed graphical interfaces.
7. The web application must have an availability of 99.99% of the times that a user tries to access it.
8. The user interface will be implemented for web browsers with HTML5 and JavaScript only.
9. The new application should handle alphabet fonts in English, Latin languages (Spanish, French, Portuguese, Italian), Arabic and Chinese.