

Job Hunters

In this assignment we are going to create a platform which specializes in finding jobs. The platform is aimed for both job seekers and employers looking for additional employees. We will be using Django for creating the website, PostgreSQL to persist the data, and CSS to style the website.

Database

All groups have been assigned a PostgreSQL database. Information regarding connecting to the database can be found as an announcement within the group page in Canvas.

Software specifications

In this assignment there is a requirement to use the following software specifications:

- Git with a remote repository (GitHub / GitLab / etc.)
- PostgreSQL
- Django

Assignment description

In order to complete the assignment the following requirements must be implemented. Note that by finishing all the core requirements listed out below, the total grade can only be 8. In order to gain a perfect score of 10, you will need to add extra requirements to the system.

Extra requirements

Extra requirements are required in order to get a perfect score of 10. These extra requirements cannot come as a placeholder for core requirements and therefore will only be taken into consideration if all core requirements have been implemented. These extra requirements will be graded by the following criteria:

- Complexity - how complex is the implementation of this extra requirement.
- Estimated completion time - what is the estimated completion time needed to fully implement this extra requirement.

- Creativity - is the extra requirement implemented using creative and innovative solutions and overall thinking outside the box.

Core requirements

Core requirements are needed to have a functional system. In order to gain a score of 8,0 you will need to implement the requirements listed below.

- Layout site
 - Navigation bar
 - Footer
- Edit profile
 - Name
 - Profile image
- Job offer site - lists available job offerings
 - Filter by category, *e.g. Software Engineering, Data Science, etc.*
 - Filter by company
 - Filter by already applied job offerings
 - Search (*based on name*)
 - Order by
 - Date of offering
 - Due date of offering
- Job offering detail site - *shows more information about a certain product*
 - Title of job offering
 - Information whether it is a full time or part time job
 - Location of the job offering (address of the company associated with the job offering)
 - Job category
 - Due date
 - Starting date
 - Description of job offering (displayed as HTML)
 - Company information
 - Name
 - Address
 - Link to company page
 - Button to apply for the job offering / Status of the job application
 - If the job offering has not been applied for the button should say "Apply"
 - If the job offering has been applied for instead of displaying a button - information should be displayed about when the job offering was applied for along with the status of the job application.
- Company detail site
 - Title of the company

- Address of the company
- Logo of the company
- Cover image of the company
- Description of the company (displayed as HTML)
- A list of all non due job offerings the company has
 - Each job offering listed should provide a link to navigate to the link offering
- Job applications page
 - A list of all job applications
 - Each job application should have the following:
 - Job title
 - Date of application
 - Status of application
 - Company
 - Full time / part time
- Applying for a job - *should be a multi step phase*
 - Contact information
 - Full name
 - Street name
 - House number
 - City
 - Country (displayed as a <select> HTML element)
 - Postal code
 - Cover letter
 - A text section to write a cover letter
 - Experiences
 - A list of experiences related to previous jobs
 - Place of work
 - Role
 - Start date
 - End date
 - Recommendations
 - A list of contacts which can be contacted for recommendations
 - Name
 - Email address
 - Phone number
 - Checkbox whether they may be contacted or not
 - Role, e.g. Manager at Reykjavik Seafood
 - Review - *this is a read-only site where a user can review what he is buying and what information he has already typed in*

- Confirmation - *this is the final step where a user gets a confirmation that everything was successful, you cannot go back when you have arrived to this step*
- Easy navigation between steps - *it should be easy to navigate between the steps in the job application phase*