

Position: Web Developer Internship
Duration: To be completed the task within 7 calendar days

The HR department requested a new web application to help them to extract the employee's information and show it in a nice way. Check below the requirements that were sent to our team in the ticket created in Jira:

1. As a HR manager, I want to be able to add employee's name, address, role, department and salary
2. As a HR manager, I want to access one page that can list all the information
3. As a HR manager, I want to sort the information according to the name of the employee
4. As a HR manager, I want to access a web page to see the data
5. As a HR manager, I want to delete the employee information
6. As a HR manager, I want to change the employee information
7. As a HR manager, I want that the information should be confidential
8. As a HR manager, I want to access this information from a mobile app that will be developed in future

Our team analyzed the requirements and proposed the following solution:

- Django provides the CRUD in "admin" and it can cover the requirements 1, 5, 6 and 7. Then no CRUD interface needs to be developed
- Since the mobile application will be developed in future make sense to use Django as a web service to provide the information to the browser in a json format. (requirement 4)
- We need to use React JS to interpret the json that will be sent from Django (requirement 2, 4 and 8). This page should be the "home page" and we shouldn't use admin section in this point
- The HR have a unique VPN and just they will be able to access the data, no authentication will be necessary (requirement 7)
- We will need to use a database to handle the data

Note to the candidate:

- Analyze the information and ask [Agnes](#) in case of questions.
- Provide an estimate before you start to develop this task.
- This exercise will help our team to evaluate your knowledge in Django and React J and backend concepts
- After finishing the exercise send the instructions and the code (or repository link) to Agnes by [email](#).