

WORK DRAFT

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Project Topic: Human resources management of a company

Describe the general idea of the project here:

Our project will be about creating a web platform that will manage human resources within a company. There are different aspects which need to be taken into consideration to properly develop this project. As an opening page there will be a login and signup page which will hold accounts to properly authenticate the users. These pages will ensure a safe and secure authentication in terms of vulnerability and malicious intention from external entries that may happen to the system. One of the most important facets of all is undoubtedly what kind of users our platform will contain. In our system there will be 3 main types of users namely: Administrator, Human Resources Manager and Employee. Each of the users will have different privileges according to the role that they possess in the company. Here is an outline of the main features that the 3 type of users will have in the system:

1. Administrator:

- Can view general information about the HR resources project (main page)
- Can log in to their account
- Can access and modify their personal information
- Can manage user accounts (add, modify, delete) for all user types
- Can assign and revoke privileges for HR Managers and Employees
- Can view and generate reports related to HR data and performance metrics
- Create project and announce them in company
- Can manage the overall finance of the company (wages, expenditures, profit)
- Can manage system settings, such as security features and data backup
- Can approve or reject requests made by HR Managers and Employees
- Can change their account password
- Can log out

2. HR manager:

- Can log in to their account
- Can access and modify their personal information
- Can manage employee accounts (add, modify, view, delete)
- Can view and update employee profiles, including personal information, work history, and performance evaluations
- Can assign and delegate tasks to Employees
- Can approve or reject requests made by Employees
- Can generate and analyze HR-related reports
- Can change their account password
- Can log out

3. Employee:

- Can log in to their account
- Can access and modify their personal information (partially)
- Can view their own work history, performance evaluations, and employee benefits
- Can request time off, submit expense reimbursements, and update personal information
- Can send request to participate for a certain project
- Can communicate with HR Managers and other employees through a messaging system or email
- Can participate in company-wide surveys, feedback initiatives, or polls
- Can change their account password
- Can log out

Our system will be integrated with primary languages for web development such as: HTML, CSS, JAVASCRIPT and PHP and for database SQL. In general, by developing this project we intend to create a well structured system to maintain the human resources in a company and to properly organize the activity within it taking into consideration the different aspects that it may be related to in terms of project development, finance, documentation, communication and so on.

Describe the work done so far on the project by the group, in general terms:

During the first weeks our team has focused primarily on creating a general plan of the steps that need to be followed in order for the project to be developed smoothly. We started first by deciding some initial aspects of the project regarding the topic that we should focus on, the name of our group, the programming platforms that we should integrate our project or what means we will use to communicate with one another. After some discussion, we decided that the most suitable topic would be human resources management in a company. We agreed to name our group as Software Coders. We also agreed to develop our project on the web and consequently we approved to use as primarily tools for integrating our project, programming languages such as HTML, CSS, JAVASCRIPT, PHP and SQL. The main communication platform for the members of the group would be via Whatsapp mainly for task distribution and Github for having access to the progress of the group.

Next, we started to look for templates for the frontend. Our aim was to find one that could be easily changed and not so complicated. We were able to depict one that was attractive, well structured and could provide us with some of the frontend features that would be within the project. However, we took into consideration the fact that a majority of the content should be changed.

During the third and fourth week, we started to distribute some tasks that were essential for the continuation of the project. After some discussion we managed to distribute the majority of the tasks, especially regarding the documentation of the project. In general, everyone was responsible for at least 5 tasks. Each of the members was able to accomplish his task properly and roughly the first 3 chapters of the document were successfully completed.

After we managed to complete the documentation part and get a better understanding of what we were supposed to do, we proceeded to distribute the actual work regarding the further development of the project. Each of the members was responsible for his specific task in a different panel of the system namely: Admin panel, HR manager panel and Employee panel. Overall, this is a general overview of the task distribution:

Login and SignUp page- Kevin Shemili

Admin Panel (The management of company's projects)- Kevin Shemili

Admin Panel(Finance Management)-Bruno Bajo

Admin Panel(Register users)- Bruno Bajo

Admin Panel(Viewing profiles of employee)- Alan Petro,Bruno Bajo

HR manager Panel(Managing the working hours of employees)- Bruno Bajo

HR manager Panel(Managing the requests from employees;permissions)- Bruno Bajo

HR manager Panel(Viewing profiles of employee)- Alan Petro, Bruno Bajo

Employee Panel(Submitting personal data such as ID card, diploma, certificate for work)- Leand Xhengo

Employee Panel(Submitting personal data such as personal achievements such as certificate, the date it was received, expiration date e.t.c)- Arvi Agalliu

Employee Panel(Submitting personal data regarding previous working experience)- Klaus Aga

Employee Panel(Submitting personal data related with the education of the employee)- Endri Shënplaku