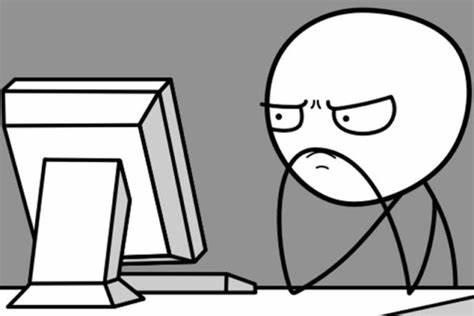
CS311 Project Milestone (1): Project Proposal of OOP1 Software



**Project Group Number** (in Blackboard): Group (1)

**Project Title** is: Human Resources

|  |  |  |
| --- | --- | --- |
| **Leader** | **ID** | **Member Name** |
|  | 2210002215 | Hatim alotebi |
|  | 2210002261 | Ali alshehri |
|  | 2210002205 | Faisel turki al-mudeth |
|  | 2210002007 | Abdulrahman affowairs |
|  | 2210002055 | Abdulrahman alijaafari |
|  | **2190009010** | Aumro al-hasan |

# Description:

We are looking for a solution to the problem of the Department of Human Resources, we want to add a new value to the HR by obtaining statistics and displaying the data of the company's departments and employees, adding and deleting employees in the company, modifying data in the company database, searching for a specific employee to print his information, and more

**Logical analysis & Business:** We need a class for:

Employee

HR

Also, we need to create files in txt for: Log.txt

Database.txt Search\_results.txt Statics\_report\_results.txt

# Systems Users (Actors):

|  |  |  |
| --- | --- | --- |
|  | **User Role**  *(at least two user roles)* | **Privileges**  *(User Roles should vary in their privileges)* |
| **1** | **HR manager** | **HR manager has access to programs to delete users and add new users, search and print statics information's about departments,**  **edit users** |
| **2** | **Employee** | **The ability to modify his profile and display it** |

**System Constraints:**

It's not from our scope to focus on:

* GUI (Interface for our app)
* Access to Databases using SQL, we will use txt file

**Instructor(s) Approval**:

**Feedback Comments:**

 Approved

 Not Approved *(needs to be changed)*

# Matching System Functions to the Application Goals:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Function / Application Aspect | UML Diagrams | Classes Management | Inheritance & Polymorphism | Array of Objects | Program Structure | Error Handling | Analysis |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

\* YOU NEED TO ENSURE THAT YOU'VE SATISFIED WHOLE CRITERIA OF APPLICATION REQUIREMENTS AT LEAST ONCE