Mihai Costea
Group 922

University employees

Statement

Develop an application to manage the employees of a University. The application can show all the employees, their degree and their salary. The application can also filter employees by degree or by age.

All the data will be stored in a text file and a user can add, delete or modify any employee or their details.

Specification

The application will allow a user to view, add, update and delete employees of a University.

- View all employees:
  A user will be able to view all the employees and all their details.
- Filter employees by degree
  A user will input a university degree and the application will only show employees with that degree.
- Filter employees by age
  A user will input an age range and the application will only show employees that have their age in that range.
- Add an employee
  A user will input the data of a new employee (name, age, degree, salary) and the application will add that employee to the list of employees
- Update an employee
  A user will select an existing employee and input new data for them and the application will update the employee's details with that data
- Delete an employee
  A user will select an existing employee and have the option to remove it and the application will remove that employee from the list

The application will read data from a property list file (Employees.plist) and output to a file named "employees_out.plist" in the desktop folder.