EmployeeSelector UML Class Diagram

<> Person

- +Photo photo
- +int id
- +String name
- +String surname
- +String email
- +int old
- +String birthdate
- +String gender
- +String graduatedUni
- +String job
- +double uniGPA
- +String nationality
- +String currentJob
- +String maritalStatus
- +String militaryStatus
- +String foreignLanguages
- +String skills
- +String appliedJobPosts
- +String jobRole

- +Person(String name, String surname, String email, int old, String birthdate, String gender, String graduatedUni, String job, double uniGPA, String nationality, String currentJob, String maritalStatus, String militaryStatus, String foreignLanguages, String skills, String appliedJobPosts, String jobRole)
- +Photo getPhoto()
- +void setPhoto(Photo photo)
- +int getId()
- +String getName()
- +String getSurname()
- +String getEmail()
- +int getOld()
- +String getBirthdate()
- +String getGender()
- +String getGraduatedUni()
- +String getJob()
- +double getUniGPA()
- +String getNationality()
- +String getCurrentJob()
- +String getMaritalStatus()
- +String getMilitaryStatus()
- +String getForeignLanguages()
- +String getSkills()
- +String getAppliedJobPosts()
- +String getJobRole()

Employee

- -static int numOfEmployee
- -int supervisorId

- +Employee(String name, String surname, String email, int old, String birthdate, String gender, String graduatedUni, String job, double uniGPA, String nationality, String currentJob, String maritalStatus, String militaryStatus, String foreignLanguages, String skills, String appliedJobPosts, String jobRole)
- +Employee(int id, String name, String surname, String email, int old, String birthdate, String gender, String graduatedUni, String job, double uniGPA, String nationality, String currentJob, String maritalStatus, String militaryStatus, String foreignLanguages, String skills, String appliedJobPosts, String jobRole)
- +Employee(int id, String name, String surname, String email, int old, String birthdate, String gender, String graduatedUni, String job, double uniGPA, String nationality, String currentJob, String maritalStatus, String militaryStatus, String foreignLanguages, String skills, String appliedJobPosts, String jobRole, int supervisorId)
- -static int getNumOfEmployee()
- -static void increaseNumOfEmployee()
- +int getSupervisorId()
- +void setSupervisorId(int supervisorId)

ExecutiveOfficer

- -static int numOfExecutiveOfficer
- +String openedJobPosts
- +String managedPeople
- -int supervisorId

- +ExecutiveOfficer(String name, String surname, String email, int old, String birthdate, String gender, String graduatedUni, String job, double uniGPA, String nationality, String currentJob, String maritalStatus, String militaryStatus, String foreignLanguages, String skills, String appliedJobPosts, String jobRole)
- +ExecutiveOfficer(int id, String name, String surname, String email, int old, String birthdate, String gender, String graduatedUni, String job, double uniGPA, String nationality, String currentJob, String maritalStatus, String militaryStatus, String foreignLanguages, String skills, String appliedJobPosts, String jobRole)
- +ExecutiveOfficer(int id, String name, String surname, String email, int old, String birthdate, String gender, String graduatedUni, String job, double uniGPA, String nationality, String currentJob, String maritalStatus, String militaryStatus, String foreignLanguages, String skills, String appliedJobPosts, String jobRole, String openedJobPosts, String managedPeople, int supervisorId)
- -static int getNumOfExecutiveOfficer()
- -static void increaseNumOfExecutiveOfficer()
- +String getOpenedJobPosts()
- +void setOpenedJobPosts(String openedJobPosts)
- +String getManagedPeople()
- +void setManagedPeople(String managedPeople)
- +int getSupervisorId()
- +void setSupervisorId(int supervisorId)

Chief

- -static int numOfChief
- +String openedJobPosts
- +String managedPeople

- +Chief(String name, String surname, String email, int old, String birthdate, String gender, String graduatedUni, String job, double uniGPA, String nationality, String currentJob, String maritalStatus, String militaryStatus, String foreignLanguages, String skills, String appliedJobPosts, String jobRole)
- +Chief(int id, String name, String surname, String email, int old, String birthdate, String gender, String graduatedUni, String job, double uniGPA, String nationality, String currentJob, String maritalStatus, String militaryStatus, String foreignLanguages, String skills, String appliedJobPosts, String jobRole)
- +Chief(int id, String name, String surname, String email, int old, String birthdate, String gender, String graduatedUni, String job, double uniGPA, String nationality, String currentJob, String maritalStatus, String militaryStatus, String foreignLanguages, String skills, String appliedJobPosts, String jobRole, String openedJobPosts, String managedPeople)
- -static int getNumOfChief()
- -static void increaseNumOfChief()
- +String getOpenedJobPosts()
- +void setOpenedJobPosts(String openedJobPosts)
- +String getManagedPeople()
- +void setManagedPeople(String managedPeople)

Photo

- -String osName
- +BufferedImage img
- -String imagePath

- +Photo()
- +Photo(String imagePath)
- +boolean takePhoto()
- -String detectOS()
- +void uploadPhotoToCV(int id)
- +void uploadPhotoToCV(int id, String flag)

JavaEmailSender

- +static void sendMail(String recepient)
- -static Message prepareMessage(Session session, String myAccountMail, String recepient)

DB

- -String dbHost
- -String dbName
- -String dbUserName
- -String dbpass
- -static Connection con
- -static Statement st
- -static ResultSet rs

- +DB()
- +void getConnection()
- +boolean addDataToRegisterTable(Register reg)
- +void addDataToResumesTable(T p)
- +void addDataToJobPostingsTable(JobPosting jp)
- +static int howManyChief()
- +static int howManyExecutiveOfficer()
- +static int howManyEmployee()
- +static int howManyJobPostings()
- +boolean isUserCanLogin(String username, String passwd)
- +Register registerInfosOfUser(String username)
- +Register registerInfosOfUser(int id)
- +JobPosting getSpecificJobPosting(String id)
- +Person getSpecificCv(String id)
- +ArrayList<Person> getAllCvs()
- +ArrayList<JobPosting> getAllJobPostings()
- +ArrayList<JobPosting> getAllMyJobPostings(int advertiserId)
- +ArrayList<JobPosting> getFilterJobPostings(String jobRole, String city, String company, int minSalary, int maxSalary)
- +ArrayList<String> getDistinctDatasOfComboBox(String comboBoxName, String tableName)
- +ArrayList<Person> getAllMyApplicants(String jobId)
- +void applyToJob(String jobId, String Employeeid)
- +void updateCv(T p)
- +void deleteJobPosting(String jobId)
- +void employSomeoneToJob(String cvId, String jobId)
- +void uploadCVPhotoToCvImagesTable(String path, int id)
- +String getLatestFileName(String dirPath)
- +void getCVPhotoOfSpecificId(int id)

Register

- -String firstName
- -String lastName
- -String username
- -String passwd
- -String email
- -String role
- -int id

- +Register(String firstName, String lastName, String username, String passwd, String email, String role)
- +Register(String firstName, String lastName, String username, String email, String role, int id)
- +String getFirstName()
- +void setFirstName(String firstName)
- +String getLastName()
- +void setLastName(String lastName)
- +String getUsername()
- +void setUsername(String username)
- +String getPasswd()
- +void setPasswd(String passwd)
- +String getEmail()
- +void setEmail(String email)
- +String getRole()
- +void setRole(String role)
- +int getId()
- +void setId(int id)

JobPosting

- -static int numberOfPosts
- -int id
- -String companyName
- -String department
- -String jobName
- -String city
- -int salary
- -int advertiserId
- -String requirements
- -String definition
- -String jobrole
- -String applicants

- +JobPosting(int id, String companyName, String department, String jobName, String city, int salary, int advertiserId, String requirements, String definition, String jobrole, String applicants)
- +JobPosting(String companyName, String department, String jobName, String city, int salary, int advertiserId, String requirements, String definition, String jobrole)
- +static void increaseNumberOfPosts()
- +int getId()
- +static int getNumberOfPosts()
- +String getApplicants()
- +String getCompanyName()
- +String getDepartment()
- +String getJobName()
- +String getCity()
- +int getSalary()
- +int getAdvertiserId()
- +String getRequirements()
- +String getDefinition()
- +String getJobrole()

SystemClass

- +DB connect
- -int loggedId

- +SystemClass()
- +void showEmployerPanel()
- +void showEmployeePanel()
- +void showLoginPanel()
- +void fillJobPostingsTable(ArrayList<JobPosting> posts)
- +void fillMyJobPostingsTable(ArrayList<JobPosting> posts)
- +void fillAllCvsTable(ArrayList<Person> persons)
- +void fillJobSummaryPanel(JobPosting jp)
- +void fillCvSummaryPanel(Person p)
- -void LoginBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void logoutBtnEmployeeActionPerformed(java.awt.event.ActionEvent evt)
- -void clearRegisterInputs()
- -void RegisterBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void emailTFRegisterKeyTyped(java.awt.event.KeyEvent evt)
- -void getFilterBtnEmployeeActionPerformed(java.awt.event.ActionEvent evt)
- -void logOutBtnEmployeePanelActionPerformed(java.awt.event.ActionEvent evt)
- +void clearEmployeeInputs()
- -void passToEmployerPanelBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void jobPostingsTableMouseClicked(java.awt.event.MouseEvent evt)
- -void saveCvBtnEmployeeActionPerformed(java.awt.event.ActionEvent evt)
- -void passToEmployeePanelBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void applyToJobBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void createJobAdvertBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void showAllCvsBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void cvstableMouseClicked(java.awt.event.MouseEvent evt)
- -void clearJobAdvertBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void myJobPostingsTableMouseClicked(java.awt.event.MouseEvent evt)
- -void refreshMyJobAdvertsTableBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void confirmPasswdTFRegisterKeyReleased(java.awt.event.KeyEvent evt)
- -void deleteJobAdvertBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void updateJobAdvertBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void updateJobAdvertBtn2ActionPerformed(java.awt.event.ActionEvent evt)
- -void updateCvBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void employBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void takePhotoBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void choosePhotoBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void showChosenImageBtnActionPerformed(java.awt.event.ActionEvent evt)
- -void showCVImageBtnActionPerformed(java.awt.event.ActionEvent evt)
- -static void main(String args)