### «interface» VoucherDao +Collection<Voucher> getAllVouchersByCompany(company: Company) +Voucher getVoucherById(voucherId: int) +void addVoucher(voucher: Voucher) +void updateVoucher(voucher: Voucher) +void deleteVoucher(voucher: Voucher) +VoucherCode getVoucherCode(voucherCodeld: VoucherCode) +void updateVoucherCode(voucherCode: VoucherCode) +void deleteVoucherCode(voucherCode: VoucherCode) + void addVoucherCodeDate(voucherCodeDate: VoucherCodeDate) +VoucherCodeDate getVoucherCodeDateById(voucherCodeDateId: int) +void deleteVoucherCodeDateByCodeId(voucherCodeId: int) +void unBlockAllBlockedVouchersForLongerThan(hours: int, minutes: int) «implements» **VoucherDaoImpl** -entityManager: EntityManager «interface» TokenDao +PasswordResetToken getPasswordResetTokenByToken(resetToken: String) +PasswordResetToken getPasswordResetTokenByld(tokenId: int) + void deleteResetToken(passwordResetToken: PasswordResetToken) +void addPasswordResetToken(passwordResetToken : PasswordResetToken) +VerificationToken getVerificationTokenByToken(verificationToken: String) +VerificationToken getVerificationTokenById(tokenId: int) +void deletVerificationToken(verificationToken: VerificationToken) +void addVerificationToken(verificationToken: VerificationToken) +void deleteUsersResetTokens(userName: String) +void deleteUsersVerificationTokens(userName: String) «implements» **TokenDaoImpl** -entityManager: EntityManager

# «interface» CompanySurveyDao

- +Company getCompanyById(id: int)
- +Company getCompanyWithSurveys(id: int)
- +Survey getSurveyByld(id: int)
- +Survey getSurveyWithQuestions(id: int)
- +AnsweredSurvey getAnsweredSurveyById(id: int)
- +AnsweredSurvey getAnsweredSurveyWithAnswers(id: int)
- +Collection<AnsweredSurvey> getCompanysAllAnsweredSurveys(companyId: int)
- +Collection<AnsweredSurvey> getAllResultsOfSurvey(surveyId: int)
- +Collection<Survey> getCompanysAllSurveys(companyId: int)
- +Collection<Survey> getAvailableSurveys(companyId: int)
- +void addAnsweredSurvey(answeredSurvey: AnsweredSurvey)
- +void deleteAnsweredSurvey(answeredSurvey: AnsweredSurvey)
- +void updateAnsweredSurvey(answeredSurvey: AnsweredSurvey)
- +void addSurvey(survey: Survey)
- + void updateSurvey(survey: Survey)
- +void deleteSurvey(survey: Survey)
- +void updateCompany(company: Company)
- +void deleteCompany(company: Company)
- +void createCompany(company): Company)

| «implements»

#### CompanySurveyDaoImpl

-entityManager: EntityManager

## «interface» UserCompanyDao

- +UserCompany getUserByUserName(userName: String)
- +void addUserCompany(userCompany: UserCompany)
- +void editUser(userCompany: UserCompany)
- +UserCompany getUserCompany(userId: int)
- + boolean ifEmailIsUsed(eMail: String)
- + boolean ifCompanyNameIsUsed(companyName: String)
- +void deleteUserCompany(userCompany: UserCompan)
- +UserCompany getUserCompanyByCompanyId(companyId: int)

| «implements»

#### UserCompanyDaolmpl

-entityManager: EntityManager