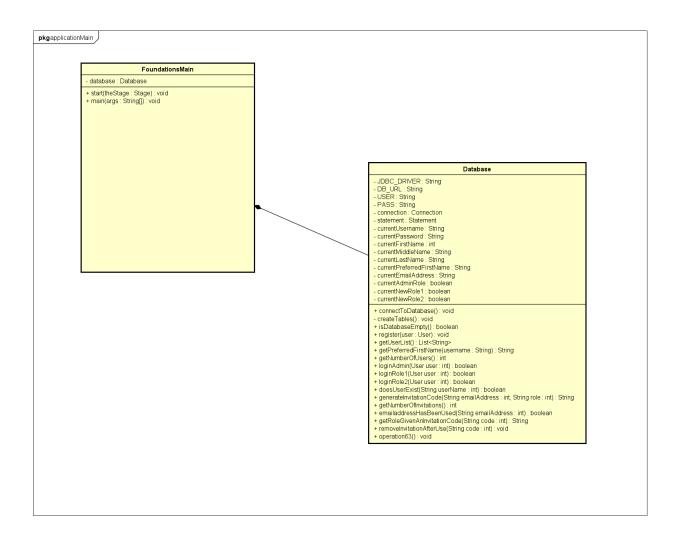
AdminServiceImpl - db : Database - users : Map<String,UserSummary> + AdminServiceImpl(database : Database) : void + listUsers() : void + setActive() : void - countActiveAdmins() : long - isLastActiveAdmin(userld : String) : boolean - seedData() : void



pkg database FoundationsMain database : Database + start(theStage : Stage) : void + main(args : String[]) : void Database JDBC_DRIVER : String - DB_URL : String USER : String PASS : String connection : Connection statement : Statement currentUsername: String currentPassword : String - currentFirstName : int - currentMiddleName : String - currentLastName : String - currentPreferredFirstName : String - currentEmailAddress : String - currentAdminRole : boolean - currentNewRole1 : boolean - currentNewRole2 : boolean + connectToDatabase(): void - createTables(): void + isDatabaseEmpty(): boolean + register(user : User) : void + getUserList(): List<String> + getPreferredFirstName(username : String) : String + getNumberOfUsers(): int + loginAdmin(User user : int) : boolean + loginRole1(User user : int) : boolean + loginRole2(User user : int) : boolean + doesUserExist(String userName : int) : boolean + generateInvitationCode(String emailAddress : int, String role : int) : String + getNumberOfInvitations(): int + emailaddressHasBeenUsed(String emailAddress : int) : boolean + getRoleGivenAnInvitationCode(String code : int) : String + removelnvitationAfterUse(String code : int) : void + operation63(): void User user : String password: String - firstName : String - middleName : String - lastName : String preferredFirstName : String - emailAddress : String - adminRole : boolean - role1 : boolean - role2 : boolean + User(): void + User(userName: String, password: String, fn: String, mn: String, ln: String, pfn: String, ea: String, r1: boolean, r2: boolean, r3: boolean): void + setAdminRole(): void + setRole1User(): void + setRole2User(): void + setUserName(): String + getPassword(): String + getFirstName(): String + getMiddleName(): String

+ getLastName(): String + getPreferredFirstName(): String + setEmailAddress(): void + getAdminRole(): boolean + getNewRole1(): boolean + getNewRole2(): boolean + getNumRoles(): int

