Visual Paradigm Standard(Nicholas Chang(Nanyang Technological University)) FriendRequest -requestID : string -sender : string -receiver : string -status : string +sendFriendRequest(sender : string, receiver : string) : void +acceptFriendRequest(requestID : string) : void +rejectFriendRequest(requestID : string) : void Notification -notificationID : string -message : string -timestamp : Date sender : string -receiver : string +sendNotification(message : string, receiver : string) : void +receiveNotification(notificationID : string) : Notification 1 username : string -password : string -email : string -friendList : List<User> -courseList : List<Course> -taskList : List<Task> -studyGroupList : List<StudyGroup> +register(username: string, password: string, email: string): void +login(username: string, password: string): boolean +updateProfile(name: string, email: string, password: string): void StudyGroup groupID : string -groupName : string members : List<User> notifications : List<Notification> +createStudyGroup(groupName : string, memberUsernames : List<String>) : void +disbandStudyGroup(groupID : string) : void +sendNotification(message : string, receivers : List<String>) : void Course -courseName : string -subject : string -lectures : List<String> -tutorials : List<String> -labs : List<String> courseID : string +addCourse(courseID : string, courseName : string, subject : string) : void removeCourse(courseID : string) : void +viewCourse() : string

