

RoleManager	
-roles : String[]	
+getPermissionsForRole(role : String) : String[]	
+assignRoleToUser(user : User, role : String) : boolean	

SystemLog	
-actionType : String	
-user : User	
-timestamp : Date	
+logAction(user : User, actionType : String)	

ProgressReport	
-reportDetails : String	
-user : User	
-timestamp : Date	
-AssociatedProject : Project	
+editReport()	
+getUsername() : String	
+getTimestamp() : Date	
+readReport() : String	
+getAssociatedProject() : Project	

User	
-name : String	
-username : String	
-age : int	
-password : String	
-role : String	
-sessionToken : String	
-isLoggedIn : boolean	
+login()	
+signUp()	
+getName() : String	
+getAge() : int	
+getRole() : String	
+getUsername() : String	
+generateSessionToken() : String	
+validateSession(token : String) : boolean	

Team	
-teamName : String	
-description : String	
-teamMembers : User	
+updateName()	
+getName() : String	
+updateDescription()	
+addTeamMember()	
+removeTeamMember()	
+assignProject(project : Project) : boolean	
+getDescription() : String	
+removeProject(project : Project) : boolean	

Project	
-tasks : Task[]	
-projectName : String	
-projectDueDate : Date	
+addTask()	
+deleteTask()	
+updateProjectName()	
+updateProjectDueDate()	

Task	
-taskName : String	
-taskDueDate : Date	
-priority : String	
-comments : Comment[]	
-completed : boolean	
-assignee : User	
+updateName()	
+updateDueDate()	
+updatePriority()	
+addComment(comment)	
+toggleComplete()	
+assignToUser(user : User)	

AuthManager	
+users : User[]	
+login(username : String, password : String) : User	
+register(user : User) : boolean	
+logout(user : User) : boolean	
+isUserLoggedIn(username : String) : boolean	

Comment	
-content : String	
-dateAdded : Date	
-usernameOfCommentor : String	
+writeContent()	
+editComment()	
+deleteComment()	

Manages

Logs

Created By

Member of

Assigned

Contains

Contains