

Database

- + GetIds(string): List<int>
- + ValidateCredentials(string, string): string

- connectionString: String

+ CreateTeam(string, List<string>): void

- + GetUser(string, string): User
- + InsertUser(string, string, string, string, Email): void
 - + DeleteUser(string,User): void
 - + DeleteStudentFromAllTeams(Student): void
- + DeleteStudentFromTeam(Student, Team): void
- + DeleteProfessorFromProfessorCourses(Professor): void
 - + GetProject(string): Project

+ InsertProject(string, string, int): void

- + GetProjectForCourse(string): List<Project>
 - + DeleteProject(string): void
 - + GradeProject(ProjectFile, int): void
- + GetCoursesForProf(string): List<Courses>
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- + InsertStudentToTeam(Course, Student, Team): void
- + UploadProject(string, byte[], string, string): void
 - + InsertTeam(string): void
 - + GetTeams(string): List<Team>
- + GetTeamsProjectFiles(string): Dictionary<Project, ProjectFile>
 - + GetFileDetails(string, string): ProjectFile
 - + GetGrade(string, string): int
 - + getStudentsOfTeam(string): List<student>
 - + EditTeam(string, string, List<string>): void
 - + DeleteTeam(string): void
 - + getAllCourses(): Dictionary<string, string>
 - + DownloadProject(string, string): void
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 - + EditProject(string, string, string, int, DateTime): void
 - + GetTeamOfStudent(Student, string): Team
 - + isStudentInTeamAlready(string, string): bool