

Group

▼ Attributes + -

+ id: int
+ name: String
+ owner: int

▼ Operations + -

CalculationGenerator

▼ Attributes + -

- CalculationList: List<string>
- type: String

▼ Operations + -

+ createCalculationSheet(type: String)

Task

▼ Attributes + -

+ nr: int
+ name: String
+ sector: char
+ difficulty: int
+ points: int
+ drawing: bool
+ question: String
+ answer: String
+ source: String
+ group: int
+ imagePath: String

▼ Operations + -

+ Task()
+ getSourceFormatted()

User

▼ Attributes + -

+ username: String
+ E-Mail: String
+ id: int
+ points: int
+ userType: string
- lastLogin: DateTime
- lastLogout: DateTime
+ darkmode: bool
+ birthDate: Datetime

▼ Operations + -

+ User()
+ isOnline(lastLogin: DateTime, lastLogout: DateTime): bool

Institution

▼ Attributes + -

id: int
address: String
country: String
type: char
phoneNumber: String
mail: String
postalCode:

▼ Operations + -

SQLCom

▼ Attributes + -

- conn: SqlConnection
- cmd: SqlCommand
- server: string
- database: string
+ username: string
+ passwort: string
- integratedSecurity: bool
+ ShowDatabase: List<String>
+ ShowTables: List<String>

▼ Operations + -

+ ConnectToServer()
+ List<String> ShowDatabases()
+ SQLcom()
+ CreateDatabase()
+ List<String> Showtables()
+ DataTable GetTableData()
+ Create TableFromUser()
+ ChangeTableName()
+ ChangeDatabaseName()
+ UpdateDatabase()
+ DeleteUser(int UID)
+ UpdateTasks()
+ AddTask(int nr, string name, char sector, int difficulty, bool drawing, string question, string answer, string source, int group, string imagePath)