# MODELS (UNDER FOLDER MODEL)

#### Section

- + ID: int
- +Name: String
- questions: List<Question>
- + QuestionsCount: int
- + GetQuestions(): List<Questions>
- + GetQuestion(id): Question
- + AddQuestion(queston): void
- + AddQuestions(List<queston>): void + UpdateQuestion(oldID,newQ): void
- + DeleteQuestion(Id): void

## Question

- + ID: int
- +Name: String
- answers: List<Answer>
- +AnswersCount: int
- + GetAnswers(): List<Answer>
- + GetAnswer(id): Answer
- + AddAnswer(Answer): void
- + AddAnswers(List<Answers>): void
- + UpdateAnswer(oldID,newA): v
- + DeleteAnswer(Id): void

#### Answer

- + ID: int
- + Text: String
- + Points: int (1 5)

## DBModel

- sections: List<Section>
- + SectionsCount: int
- + GetSections(): List<Sections>
- + GetSection(id): Section
- + AddSection(section): void
- + UpdateSection(iD,newName): v
- + DeleteSection(Id): void

## DBReader

- dbFileConnectionPath: string
- dbController: DBController

# CONTROLLERS (UNDER FOLDER CONTROLER)

## **DBController**

database: DBModelsectionCount: intsections: List<Section>

- + GetSections(): List<Sections>
- + GetSection(id): Section
- + CreateSection(name: string): Section
- + CreateQuestion(name: string): Question
- + CreateAnswer(text: string, point: PointEnum)
- + AddAnswerToQuestion(question,answer): void
- + AddAnswersToQuestion(question,List<answer>): void
- + AddQuestionToSection(sectionID, question): void
- + AddQuestionsToSection(sectionID, List<question>): void
- + UpdateSection: (sectionID, newName): void
- + UpdateQuestion: (sectionID, QuestionID, newName): void
- + UpdateQuestion: (Question, newName): void
- + UpdateAnswer: (sectionID, QuestionID, AnswerID, newText, newPoint): void
- + UpdateAnswer: (Question, AnswerID newText, newPoint): void
- + UpdateAnswer: (Answer, newText, newPoint): void

