

# fullstack-quiz-app-design

## Basic Flow

- Admin will create quiz, get corresponding code
- Whenever admin creates a quiz, a document will be created in the quiz model
- Each quiz document will contain an array of all users who gave the quiz
- each user model will contain the email of user along with the array of Object of containing two fields Q and A

## Daabase Schema

```
Admin : [Quiz]
Quiz: {
  QuizID: UID(INT)
  Questionaire: [Question]
  Users: [User]
}

Question:{
  question:String ,
  options:[String],
  correctOption:Number, (will be an index from the options array)
}

User:{
  name:String,
  email:String, (will be unique)
  marks:Number,
  QuizResponse:[Response]
}

Response: {
  Question:Number,
  selectedOption: Number
  correctAnswer:Number,
}
```

