

```
"quiz": {
  {
    "q1": "question1",
    "a1": [
      "option1",
      "option2",
      "option3",
      "option4",
      "option5"
    ]
  },
  {
    "q2": "question2",
    "a2": [
      "option1",
      "option2",
      "option3",
      "option4",
      "option5"
    ]
  },
  {
    "q3": "question3",
    "a3": [
      "option1",
      "option2",
      "option3",
      "option4",
      "option5"
    ]
  },
  {
    "q4": "question4",
    "a4": [
      "option1",
      "option2",
      "option3",
      "option4",
      "option5"
    ]
  }
}
```

```
"name": "evan",
"quizAnswers": {
  {
    "q": 1,
    "a": 1
  },
  {
    "q": 2,
    "a": 3
  },
  {
    "q": 3,
    "a": 3
  },
  {
    "q": 4,
    "a": 2
  }
}
```

```
app.post(localhost:3005/quiz/:username/create,
(req,res)=>
{
  create a new file with user name and generated id.
  res.send(id)
})
```

```
fetch(localhost:3005/quiz/:username/create)
.then((response)=>
{
  userid = response
})
```

save the userid
(where? why?)

```
app.get(localhost:3005/quiz,(req,res)=>
{
  read quiz file and send it back (obj q&a)
  res.send(quiz)
})
```

```
fetch(localhost:3005/quiz)
.then((response)=>
{
  quiz= response
})
```

```
app.put(localhost:3005/quiz/:username/update,
(req,res)=>
{
  update the users file by adding the quizAnswers
  res.send(quizAnswers or true)
})
```

```
fetch(localhost:3005/quiz/:username/update,
body: {
  q1: 3,
  q2: 2,
  q3: 1,
  q4: 1,
})
.then((response)=>
{
  quizAnswers= response
  or
  status=response (true if saved successfully)
})
```

```
"name": "evan",
"quizAnswers": {
  {
    "q": 1,
    "a": 1
  },
  {
    "q": 2,
    "a": 3
  },
  {
    "q": 3,
    "a": 3
  },
  {
    "q": 4,
    "a": 2
  }
}
```

```
app.post(localhost:3005/quiz/:username/answer/:answerUsername/create,
(req,res)=>
{
  create a new file with answerUsername name and generated id.
  res.send(id)
})
```

```
fetch(localhost:3005/quiz/:username/answer/:answerUsername/create)
.then((response)=>
{
  userid = response
})
```

save the userid
(where? why?)

```
laura-results.json
{
  shiran:{
    q1:3,
    q2:2,
    q3:1,
    q4:1,
    correctAnswers:3
  },
  danny:{
    q1:3,
    q2:2,
    q3:1,
    q4:1,
    correctAnswers:3
  },
}
```

```
app.get(localhost:3005/quiz/:username, (req,res)=>
{
  read the file of the user and send it back (obj q&a)
  res.send(correctQuizAnswers)
})
```

```
fetch(localhost:3005/localhost:3005/quiz/:username)
.then((response)=>
{
  correctQuizAnswers= response
})
```

```
app.get(localhost:3005/quiz,(req,res)=>
{
  read quiz file and send it back (obj q&a)
  res.send(quiz)
})
```

```
fetch(localhost:3005/quiz)
.then((response)=>
{
  quiz= response
})
```

```
app.put(localhost:3005/quiz/:username/answer/:answerUsername/update,(req,res)=>
{
  update the answerUsername file by adding the q1:3
  res.send(status)
})
```

```
fetch(localhost:3005/quiz/:username/answer/:answerUsername/update,
body: {q1:3})
.then((response)=>
{
  status = response
})
```

```
app.put(localhost:3005/quiz/:username/answer/:answerUsername/getScore, (req,res)=>
{
  calculate the number of right answers
  update the answerUsername file by adding the score
  res.send((correct: 3,total: 4))
})
```

```
fetch(localhost:3005/quiz/:username/answer/:answerUsername/getScore)
.then((response)=>
{
  score = response
})
```

{correct: 3,total: 4}

```
laura-results.json
{
  shiran:{
    q1:3,
    q2:2,
    q3:1,
    q4:1,
    correctAnswers:3
  },
  danny:{
    q1:3,
    q2:2,
    q3:1,
    q4:1,
    correctAnswers:3
  },
}
```

```
app.get(localhost:3005/quiz/results/:username,
(req,res)=>
{
  collect the correct answers of all friends.
  sort
  summery = {shiran:3,danny:3,moshe:2}
  res.send((summery:summery,total:4))
})
```

```
fetch(localhost:3005/quiz/results/:username)
.then((response)=>
{
  summery = response
})
```

```
{
  summery:
  {
    shiran:3,
    danny:3,
    moshe:2,
  },
  total:4
}
```

Page 1

basePath/quiz/sign-in

Sign In

User Name:

Password:

SIGN IN

[Forgot Password?](#)

New User
SIGN UP

answer quiz

show summary

Page 1

basePath/quiz/:username

Hi username! please answer the quiz

q1

q2

q3

q4

Setting 1

Setting 2

Setting 3

Setting 4

Setting 1

Setting 2

Setting 3

Setting 4

Setting 1

Setting 2

Setting 3

Setting 4

Setting 1

Setting 2

Setting 3

Setting 4

SUBMIT

Page 1

basePath/quiz/:username/my-answers

Hi username! these are your answers

q#	question	answer
1	question1	answer1
2	question2	answer2
3	question3	answer3
4	question4	answer4

generate link of the quiz to share

Page 1

basePath/quiz/:username/answer/sign-in

Sign In

User Name:

Password:

SIGN IN

[Forgot Password?](#)

New User
SIGN UP

answer quiz

Page 1

basePath/quiz/:username/answer/:answerUsername

Hi answerUsername!

q1

q2

q3

q4

Setting 1

Setting 2

Setting 3

Setting 4

Setting 1

Setting 2

Setting 3

Setting 4

Setting 1

Setting 2

Setting 3

Setting 4

Setting 1

Setting 2

Setting 3

Setting 4

SUBMIT

Page 1

basePath/quiz/results/:username/summary/:answerUsername

Hi answerUsername!
your rank is 3/4

see how are you compare to others!

Page 1

basePath/quiz/results/:username

rank	name	score
1	friendName	correct/total
2	friendName	correct/total
3	friendName	correct/total
4	friendName	correct/total