FIT2095 e-Business software technologies - S2 2021

Started on	Monday, 11 October 2021, 9:26 PM
State	Finished
Completed on	Monday, 11 October 2021, 10:33 PM
Time taken	1 hour 7 mins
Grade	**7.74** out of 10.00 (**77**%)

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Question **1**

Complete

Mark 7.74 out of 10.00

Question 1

Q1)

param1- datatype string, role: name of an event

param2-datatype role: data to be sent

example: io.sockets.emit('user connect',user+'connect to the chatroom');

Comment:
Q1=67% Q2=100% Q3=100% Q4=64%

Question **2**

Complete

Not graded

Question 2

q2)

param3- datatype - string, role: an event that represents the connection

param4- datatype -function role: receive sockets parameters

example: io.on(connection', function(soccket)=>{

console.log(socket);

})

Question 3

Complete

Not graded

Question 3

Q3)

1.Set up authentication by going to create a service account key in the GCP console

2.Set the environment variable GOOGLE_APPLICATION_CREDENTIALS to the file path of the JSON file that contains your service account key.

3.Enable the Cloud Text-to-Speech API

4.Install and initialize the Cloud SDK.

Question 4

Complete

Not graded

Question 4

Q4.

```
let express = require("express");

let path = require("path");

let app = express();

let server = require("http").Server(app);

let io = require("socket.io")(server);

let port =9595;


app.use("/", express.static(path.join(__dirname,"dist/chatApp")));

io.on("connection", socket =>{

console.log("new connection made from client with ID="+socket.id);

//to all the clients except the sender

socket. broadcast. emit("newSocketID", socket.id);
```

```
socket.on("values", function(data){

console.log("got data from values ");

}
```
//to all connected clients
```
io.emit('newResult');

server.listen(port,()=>{

console.log("Listening on port "+ port);

});
```

Question **5**

Not answered

Not graded

Question 5

Question **6**

Not answered

Not graded

Question 6

Question 7

Not answered

Not graded

Question 7

Question 8

Not answered

Not graded

Question 8

Jump to...