MONASH University

FIT2095 e-Business software technologies - S2 2021

Dashboard / My units / FIT2095_S2_2021 / Assessments / Week 12: Workshop Quiz

Started on	Tuesday, 19 October 2021, 6:06 AM
State	Finished
Completed on	Tuesday, 19 October 2021, 6:31 AM
Time taken	25 mins 6 secs
Grade	**8.64** out of 10.00 (**86**%)

Print friendly format

Question 1

Complete

Mark 8.64 out of 10.00

Question 1

Q1) Assume you have a collection that contains documents with attributes 'id' and 'age'. Give a scenario of NoSQL Injection attack that retrieves objects from the database. Suggest mitigation for your scenario. (6m)

db.collection("users").findOne(

{

userID: String(ID),

userAge: String(age),

},

function(err, result){

if(result !==null){

res.redirect("/");

}else{

res.redirect("/details");

}

}

);

Comment:
Q1=50% Q2=100% Q3=100%

Question 2

Complete

Not graded

Question 2

Q2) Briefly describe two advantages and disadvantages of allowing users to log in to a MEAN stack application using their Facebook account. (8m)

advantages:1.It could be more convenient for the users(e.g. registering)

2. less fail login

disadvantages: 1.there is no control over the login process

2.user's information are compromised if their accounts are compromised

---

Question **3**

Complete

Not graded

Question 3

Q3) Suppose you are building a chat application using the node.js, briefly describe two advantages and two disadvantages of using Firebase instead of MongoDB. (8m)

advantages:1. it connects with Google cloud storage and users can use google cloud storage API to manipulate the objects

2. it offers a faster CDN for static website

disadvantages:1. MongoDB is secure, no SQL injection can be made, it provides more security than Firebase

2. Firebase doesn't support any partitioning methods while MongoDB supports shading partitioning method which is likely used in a chat application

---

Question **4**

Not answered

Not graded

Question 4

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...