

Quiz: Authentication and authorization + APIs

Student *

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Checkpoint Quiz *



Quiz: Authentication and authorization + APIs

Question 1



What is authentication? *

- The process of giving the user permission to access a specific resource or function.
- A mechanism to prove that a user can access a specific resource.
- A way to uniquely identify every user.
- The act of validating that users are whom they claim to be.

Question 2

What is authorization? *

- A way to uniquely identify every user.
- The process of giving the user permission to access a specific resource or function.
- A mechanism to prove that a user can access a specific resource.
- The act of validating that users are who they claim to be.

Question 3

What is a good way to authenticate users? *

- Answers to pre-defined questions.
- Username and password.
- Username.
- Cellphone numbers.



Question 4

In Rails, what library can you use for authentication? *

- CanCanCan
- ActiveRecord
- ActiveAuthentication
- Devise

Question 5

In Rails, what library can you use for authorization? *

- ActiveAuthorization
- Devise
- CanCanCan
- ActiveRecord

Question 6



In Devise, how do I configure my model so it can be authenticated and requires email confirmation, but doesn't allow registration and to recover password? *

- devise :database_authenticatable, :confirmable
- devise :database_authenticatable, :registerable, :confirmable, :recoverable
- devise :database_authenticatable, :registerable
- devise :registerable, :recoverable

Question 7

In Devise, how do you set up a controller with user authentication? *

- before_action :authenticate
- devise_action :authenticate_user!
- devise_action :authenticate
- before_action :authenticate_user!

Question 8



In CanCanCan, users permissions are defined in a... *

- controller
- role class
- ability class
- model

Question 9

What does the #can method receive? *

- An action to authorize.
- A boolean.
- An action to authorize and the object to check permissions for.
- The object to check permissions for.

Question 10

In the #can method what does passing the action :manage mean? *

- It only allows read actions to the object.
- It only allows write actions to the object.
- It is just another action, like :show, :delete, etc.
- It allows all actions to the object.



Question 11

Define permissions so a user is able to do everything to projects except destroy them: *

```
cannot :destroy, Project  
can :manage, Project
```

Option 2

```
can :manage, Project  
cannot :destroy, Project
```

Option 1

```
can :all, Project  
cannot :destroy, Project
```

Option 4

```
cannot :destroy, Project  
can :all, Project
```

Option 3

Question 12



To ensure authorization happens on every action added to your controller... *

- authorize!
- check_authorization
- validate_authorization
- authorize

Question 13

In CanCanCan, what are the defaults permissions if none have been given? *

- None
- Random
- All
- Raises an exception

Question 14

An authentication method for APIs is? *

- Session
- JWT
- Hashes
- Cookies



Question 15

Insertion sort is a sorting algorithm that: *

- Places a misplaced element in its correct place at each iteration.
- Divides elements into two sub-lists at each iteration.
- All other answers are correct.
- Merges previously created sub-lists at each iteration.

Question 16

People in this personality type enjoy problem-solving and they are more task-oriented than people-oriented. They use their logic more than their emotions. What personality type does the above statement correspond to? *

- I - Influence.
- C - Conscientiousness.
- D - Dominance.
- S - Steadiness.

Question 17



One of your team members didn't attend the last team meeting where you all talked about project updates. What will be an effective communication practice in this scenario? *

- Because didn't affect your work directly, assume someone else will probably check with them.
- Don't talk about it with the team member as it may create a conflict.
- Raise this issue in the group slack channel and point out to the unprofessional behaviour of the team member.
- Speak to the team member privately and check with them if they are okay and if anything blocked them from attending the team meeting.

Question 18

Which one of these check-ins is not relevant for your dream job search process? *

- Check-in on steps to getting hired at your dream company.
- Check-in on your dream companies' norms and cultures.
- Check in about your dream company's reviews with your working partner at Microverse.
- Check-in on your dream company wishlist.

Question 19



A cover letter does not necessarily include: *

- A personalized explanation of why you are interested in the position.
- Your family background.
- Evidence on your soft skills.
- Your name and contact information.

Question 20

You are facing an issue in the code that you are working on. Which communication practice will you not follow? *

- Don't bother other team members with the issue as they will be busy with their work.
- Reach out to a team member who can possibly help you on this.
- Keep working on the issue till the next project meeting and plan to share it then.
- Drop a message on group Slack channel stating the issue and what you've done to try to solve it.

Assessment Complete!

Please, click the "Submit" button to send your answers.

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