

# Assignment Export

## Assignment Information

**Name:** Final Project: Submission and Evaluation - NEW

### Introduction:

For this Capstone project, you are required to submit your work for evaluation. In the project, you assumed the role of a full-stack developer for Best Cars Dealership, a national car retailer in the U.S. You were tasked with building a responsive web application that displayed dealership branches and allowed users to view and submit reviews. You developed both frontend and backend components using technologies such as React, Django, Flask, Node.js, MongoDB, and SQLite, and deployed the application using Docker, Kubernetes, and IBM Cloud Code Engine. Through this project, you applied skills in version control, CI/CD with GitHub Actions, responsive UI design, microservices architecture, and sentiment analysis.

### Instructions:

You will be asked to submit the following items to get reviewed:

URL of:

1. Your forked GitHub repo with all the code.
2. Your application deployment (This URL need not be accessible, but will be checked against the URL in the response).
3. Screenshots of completed tasks.

## Questions

### Question 1

**Type:** TEXT

#### Content:

Task 1: Submit your public GitHub Project repo URL with all code changes.

**Total Points:** 1

#### Rubrics:

**Submit your public GitHub Project repo URL with all code changes.**

0 pts: The repository link is not provided or incorrect link.

1 pts: The GitHub repository link is provided and the repository name corresponds to either fullstack\_developer\_capstone or dealership.

### Question 2

**Type:** UPLOAD

#### Content:

Task 2: Submit the terminal output saved as django\_server.png or django\_server.jpeg showing the Django server running.

Note the screenshot should be taken in the “Hands-on Lab: Static Pages.” (test)

Total Points: 1

Rubrics:

Did the learner submit the terminal output showing the Django server running.

- 0 pts: The submitted output is missing, unclear, or does not show the Django server running—no command, no confirmation message, or no server address visible.
- 1 pts: The submitted output shows the Django development server running with the python3 manage.py runserver command, including the server address (e.g., http://127.0.0.1:8000/), and system check messages.

Question 3

Type: TEXT

Content:

Task 8: Copy and paste the cURL command and its output, saved as *getdealerreviews*, which displays the review(s) for the dealer with ID 29.

The output should be saved in the “Hands-on Lab: Implement API endpoints using Express-Mongo”

Total Points: 2

Rubrics:

Did the learner share the cURL command output displaying the dealer’s review details, including the reviewer’s name, dealership ID, review text, and car information (make, model, year, purchase status, and date)? Sample output only for reference — [{ "\_id": "69005cc8a875fa4b66cb4c1d", "id": 3, "name": "Lion Reames", "dealership": 29, "review": "Expanded global groupware", "purchase": true, "purchase\_date": "10/20/2020", "car\_make": "Mazda", "car\_model": "MX-5", "car\_year": 2003, "\_\_v": 0 }]

- 0 pts: The learner did not submit the GET curl command.
- 1 pts: The learner submitted the GET curl command for the endpoint /fetchReviews/dealer/29, but the response shows errors or a message indicating that the command failed to retrieve the dealer reviews, or the response does not contain all the required fields (such as missing car details or reviewer name) as given in the sample output as reference.
- 2 pts: The learner submitted the correct GET cURL command for the endpoint /fetchReviews/dealer/29, and the output accurately reflects the dealer review details, including the reviewer’s name, dealership ID, review text, purchase details, and car information (make, model, year, purchase date), and the response should be similar to the sample output given as reference.

Question 4

Type: UPLOAD

Content:

Task 9: Copy and paste the cURL command and its output, saved as *getAlldealers*, which displays all dealer(s) retrieved.

Note the screenshot should be taken in the “Hands-on Lab: Implement API endpoints using Express-Mongo”

Total Points: 2

Rubrics:

Did the learner share the cURL command output displaying the list of 50 car dealerships, including dealer details such as ID, city, state, address, zip code, latitude, longitude, short name, and full name? Sample output only for reference — [{ "\_id": "69005cc8a875fa4b66cb4c4e", "id": 1, "city": "El Paso", "state": "Texas", "address": "3 Nova Court", "zip": "88563", "lat": "31.6948", "long": "-106.3", "short\_name": "Holdlamis", "full\_name": "Holdlamis Car Dealership", "\_\_v": 0 }]

- 0 pts: The learner did not submit the GET curl command for the endpoint /fetchDealers.
- 1 pts: The learner submitted the GET curl command for the endpoint /fetchDealers, but the response shows errors or a message indicating that the command failed to retrieve the dealer list, or the response does not include all 50 dealers or is missing required fields (such as city, state, or dealer name) as given in the sample output as reference.
- 2 pts: The learner submitted the correct GET cURL command for the endpoint /fetchDealers, and the output accurately reflects the complete list of 50 dealers, including all required fields such as ID, city, state, address, zip code, latitude, longitude, short name, and full name. The response should be similar in structure to the sample output given as reference.

Question 5

Type: UPLOAD

Content:

Task 12: Submit the screenshot (admin\_login.png or admin\_login.jpeg) showing the root user login on the admin page. (2 points)

Note the screenshot should be taken in the “ Hands-on Lab: Build CarModel and CarMake Django Models .”

Total Points: 2

Rubrics:

Is the Admin user (or root user) able to log in?

- 0 pts: if no screenshot is submitted or if the logged-in admin page is not visible in the image.
- 1 pts: if the screenshot shows a user logged in, but either the username is not visible or the logged-in user is not the root user.
- 2 pts: if the screenshot clearly shows that the root user is logged in on the admin page.

Question 6

Type: UPLOAD

Content:

Task 13: Submit the screenshot (admin\_logout.png or admin\_logout.jpeg) showing the root user logged out from the admin page. (1 point)

Note the screenshot should be taken in the “ Hands-on Lab: Build CarModel and CarMake Django Models .”

Total Points: 1

Rubrics:

Is the Admin logout page rendered?

- 0 pts: if no screenshot is submitted or if the logged-out admin page is not visible in the image.
- 1 pts: if the screenshot clearly shows that the user (root or admin) has been logged out and the logout page is rendered.

Question 7

Type: TEXT

Content:

Task 24: Submit the deployment URL for your Django application. (1 point)

Total Points: 1

Rubrics:

Has your learner submitted the deployment URL for the Django application?

0 pts: The URL does not exactly match the required structure, including cases such as: Using theiadockernext-0 instead of a positive integer Missing the https:// prefix Wrong/missing port (-8000) Incorrect domain or spelling errors URL does not open or no valid screenshot is provided

1 pts: https://-8000.theiadockernext--labs-prod-theiak8s--.proxy.cognitiveclass.ai/ → learner-specific (letters, numbers, hyphens allowed) -8000 → must be exactly 8000 theiadockernext- → number varies (e.g., 0, 1, 2, ...) labs-prod-theiak8s- → number varies (e.g., 4, 5, ...) → letters + digits (e.g., tor01, lon01) Protocol → must be https:// Domain ending → must be .proxy.cognitiveclass.ai Trailing slash (/) → optional

Question 8

Type: UPLOAD

Content:

Task 25: Submit the screenshot (deployed\_landingpage.png or deployed\_landingpage.jpeg) of the landing page. (2 points).

Note the screenshot should be taken in the “Hands-on Lab: Containerize your Application.”

Total Points: 2

Rubrics:

Is the landing page visible?

0 pts: Screenshot does not have URL and does not display landing page itself.

1 pts: Screenshot shows the landing page, but does not display the URL in the browser.

2 pts: Screenshot shows the landing page and the URL in the browser. A Partially visible URL is also acceptable.

Question 9

Type: UPLOAD

Content:

Task 26: Submit the screenshot (deployed\_loggedin.png or deployed\_loggedin.jpeg) of the logged-in page. It should show the username of the logged-in user. (2 points).

Note the screenshot should be taken in the “Hands-on Lab: Containerize your Application.”

Total Points: 2

Rubrics:

Is the logged-in page screenshot submitted showing the username, logout option, and browser link?

- 0 pts: Screenshot does not show the logged-in page or the link
- 1 pts: Screenshot displays only the logged-in username and the logout option but the URL is missing
- 2 pts: Screenshot must display all required elements: Logged-in username is visible. Logout option is visible. Browser URL/address bar is visible.

Question 10

Type: UPLOAD

Content:

Task 27: Submit the screenshot (deployed\_dealer\_detail.png or deployed\_dealer\_detail.jpeg) of a dealer details page opened through your deployment. (2 points).

Note the screenshot should be taken in the “Hands-on Lab: Containerize your Application.”

Total Points: 2

Rubrics:

Is the dealer's details page visible?

- 0 pts: Screenshot does not have URL and does not display the dealer details page itself.
- 1 pts: Screenshot does not have URL but the dealer details page displayed.
- 2 pts: Screenshot shows the URL and the dealer details page.

Question 11

Type: UPLOAD

Content:

Task 28: Submit the screenshot (deployed\_add\_review.png or deployed\_add\_review.jpeg) showing review in your deployed application. (2 points)

Note the screenshot should be taken in the “Hands-on Lab: Containerize your Application.” (test)

Total Points: 2

Rubrics:

Is the review reflected in the dealer page?

- 0 pts: The screenshot does not display either the browser link or the dealer review.
- 1 pts: The screenshot does not show that the dealer review in the Dealers page without the browser link
- 2 pts: The screenshot shows that the dealer review is visible in the Dealers page with the browser link

Question 12

Type: TEXT

Content:

Copy and paste the cURL command and its output, saved as getdealerbyid, which displays the details of the dealer with ID 3.

Total Points: 2

Rubrics:

Did the learner share the cURL command output displaying the dealer’s details, including the dealer ID, city, state, address, zip code, latitude, longitude, short name, and full name? Sample output only for reference — [{ "\_id": "69005cc8a875fa4b66cb4c50", "id": 3, "city": "Birmingham", "state": "Alabama", "address": "9477 Twin Pines Center", "zip": "35285", "lat": "33.5446", "long": "-86.9292", "short\_name": "Sub-Ex", "full\_name": "Sub-Ex Car Dealership", "\_\_v": 0 }]

- 2 pts: The learner submitted the correct GET cURL command for the endpoint /fetchDealer/3, and the output accurately reflects the dealer details, including all required fields such as ID, city, state, address, zip code, latitude, longitude, short name, and full name. The response should be similar in structure to the sample output given as reference.
- 1 pts: The learner submitted the GET curl command for the endpoint /fetchDealer/3, but the response shows errors or a message indicating that the command failed to retrieve the dealer details, or the response does not include all the required fields (such as missing city, state, or dealer name) as given in the sample output as reference.
- 0 pts: The learner did not submit the GET curl command for the endpoint /fetchDealer/3.

Question 13

Type: TEXT

Content:

Copy and paste the cURL command and its output, saved as getdealersbyState, which displays the dealer(s) located in the state of Kansas.

Total Points: 2

Rubrics:

Did the learner share the cURL command output displaying the dealer details for the state of Kansas, including the dealer’s ID, city, state, address, zip code, latitude, longitude, short name, and full name? Sample output only for reference — [{ "\_id": "69005cc8a875fa4b66cb4c4f", "id": 2, "city": "Minneapolis", "state": "Minnesota", "address": "6337 Butternut Crossing", "zip": "55402", "lat": "44.9762", "long": "-93.2759", "short\_name": "Temp", "full\_name": "Temp Car Dealership", "\_\_v": 0 }]

- 2 pts: The learner submitted the correct GET cURL command for the endpoint /fetchDealers/Kansas, and the output accurately reflects the dealer details, including all required fields such as ID, city, state, address, zip code, latitude, longitude, short name, and full name. The response should be similar in structure to the sample output given as reference.
- 1 pts: The learner submitted the GET curl command for the endpoint /fetchDealers/Kansas, but the response shows errors or a message indicating that the command failed to retrieve dealer details, or the response does not include all the required fields (such as missing city, state, or dealer name) as given in the sample output as reference.
- 0 pts: The learner did not submit the GET curl command for the endpoint /fetchDealers/Kansas.

Question 14

Type: TEXT

Content:

Copy and paste the cURL command and its output, saved as getallcarmakes, which displays all car makes and models retrieved.

Total Points: 1

Rubrics:

Did the learner share the cURL command output displaying the list of car makes and their corresponding models? Sample output only for reference — { "CarModels": [ {"CarModel":

<pre>"Pathfinder", "CarMake": "NISSAN"}, {"CarModel": "Qashqai", "CarMake": "NISSAN"}, {"CarModel": "XTRAIL", "CarMake": "NISSAN"}, {"CarModel": "A-Class", "CarMake": "Mercedes"}, {"CarModel": "C-Class", "CarMake": "Mercedes"}, {"CarModel": "E-Class", "CarMake": "Mercedes"}, {"CarModel": "A4", "CarMake": "Audi"}, {"CarModel": "A5", "CarMake": "Audi"}, {"CarModel": "A6", "CarMake": "Audi"}, {"CarModel": "Sorrento", "CarMake": "Kia"}, {"CarModel": "Carnival", "CarMake": "Kia"}, {"CarModel": "Cerato", "CarMake": "Kia"}, {"CarModel": "Corolla", "CarMake": "Toyota"}, {"CarModel": "Camry", "CarMake": "Toyota"}, {"CarModel": "Kluger", "CarMake": "Toyota"} ] }</pre>
1 pts: The learner submitted the correct GET cURL command for the endpoint /djangoapp/get_cars, and the output accurately reflects the list of car makes and models, similar in structure to the sample output given as reference.
0 pts: The learner submitted the GET curl command for the endpoint /djangoapp/get_cars, but the response shows errors or a message indicating that the command failed to retrieve the list, or the response does not include all car makes and models as shown in the sample output as reference.
0 pts: The learner did not submit the GET curl command for the endpoint /djangoapp/get_cars.

## Assignment Configuration

**Graded:** Yes

**Time Limit:** No limit

**Attempts:** Unlimited

**Passing Grade:** 70%