

Project Challenge: Create Dynamic Route for Pet Details

In this lesson, we will create a new route that will show the details of an individual pet.

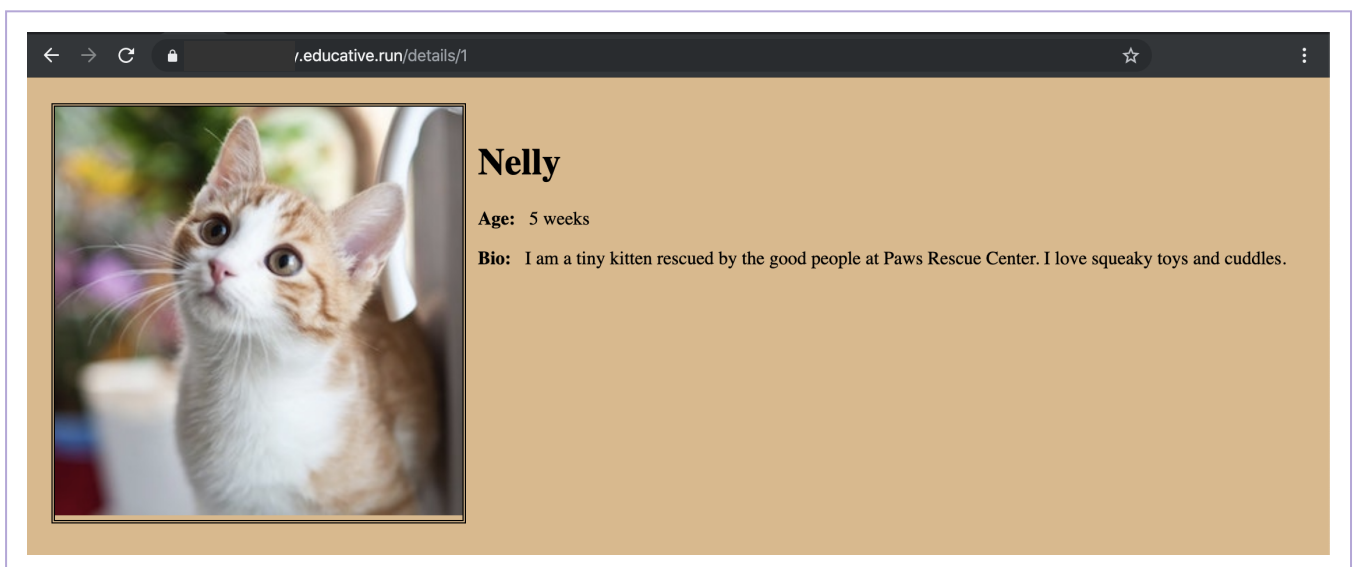
WE'LL COVER THE FOLLOWING

- Problem statement
 - Pet details page - expected output (for a valid `pet_id`)
 - Pet details page - expected output (for an invalid `pet_id`)
- Your implementation

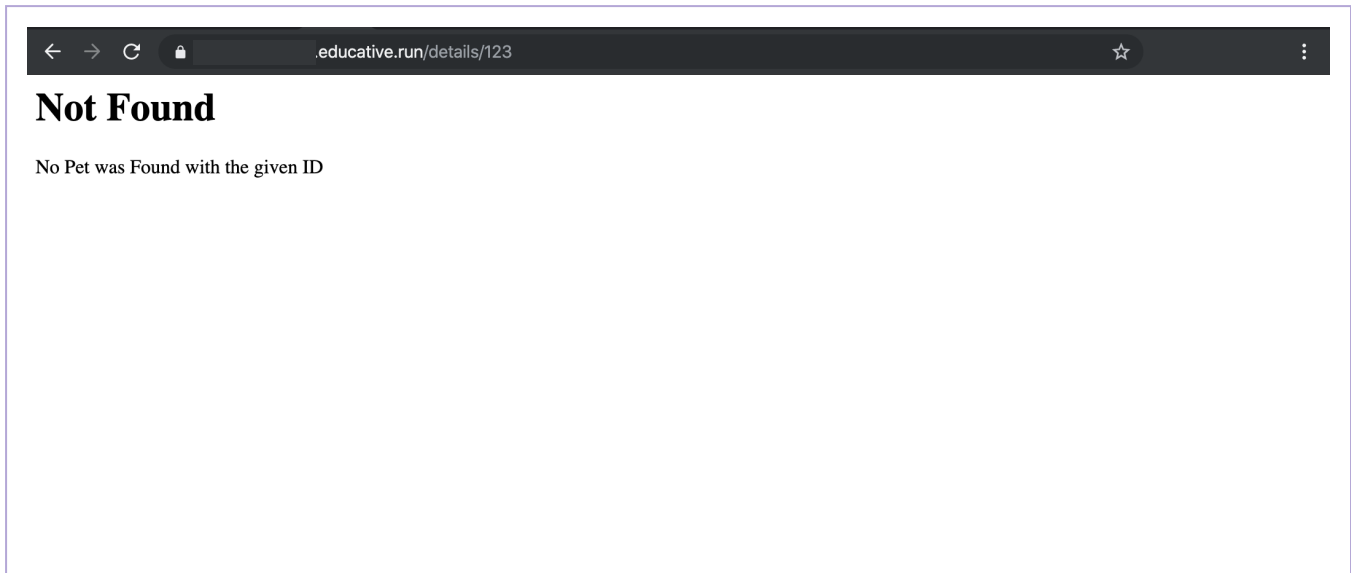
Problem statement

In this challenge, you are expected to create a new route in your application. This route should be at the **URL** : `"/details/pet_id"`, where `pet_id` is a **valid pet's id**. It should return a web page containing all info regarding that pet. Moreover, you also have to update the home page such that *clicking* a pet's image **redirects** to its **details** page.

Pet details page - expected output (for a valid `pet_id`)



Pet details page - expected output (for an invalid `pet_id`)




 **Note:** In the case of an invalid `pet_id`, you can call the function `abort()` to raise a **404** exception. **For example:**

```
abort(404, description="Custom Error Message")
```

Your implementation

Implement the features described above in the skeleton application provided below.

 **Disclaimer:** If you edit the contents of `style.css`, you might notice that the application does not reflect the changes immediately. The reason for this is that the previous version is saved in your browser's cache. To solve this problem:

1. You can hard refresh your browser to clear the cache.
2. Alternatively, you can use inline `CSS` in the `HTML` templates using the `style` attribute. **(Recommended)**

```
"""Flask Application for Paws Rescue Center."""
from flask import Flask, render_template
app = Flask(__name__)

"""Information regarding the Pets in the System."""
pets = [
```

```

pets = [
    {"id": 1, "name": "Nelly", "age": "5 weeks", "bio": "I am a tiny kitten rescued b"},
    {"id": 2, "name": "Yuki", "age": "8 months", "bio": "I am a handsome gentle-cat."},
    {"id": 3, "name": "Basker", "age": "1 year", "bio": "I love barking. But, I love"},
    {"id": 4, "name": "Mr. Furrkins", "age": "5 years", "bio": "Probably napping."},
]

@app.route("/")
def homepage():
    """View function for Home Page."""
    return render_template("home.html", pets = pets)

@app.route("/about")
def about():
    """View function for About Page."""
    return render_template("about.html")

if __name__ == "__main__":
    app.run(debug=True, host="0.0.0.0", port=3000)

```

In the next lesson, let's take a look at the solution of this challenge.