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CSCE 431-506

Book Collection

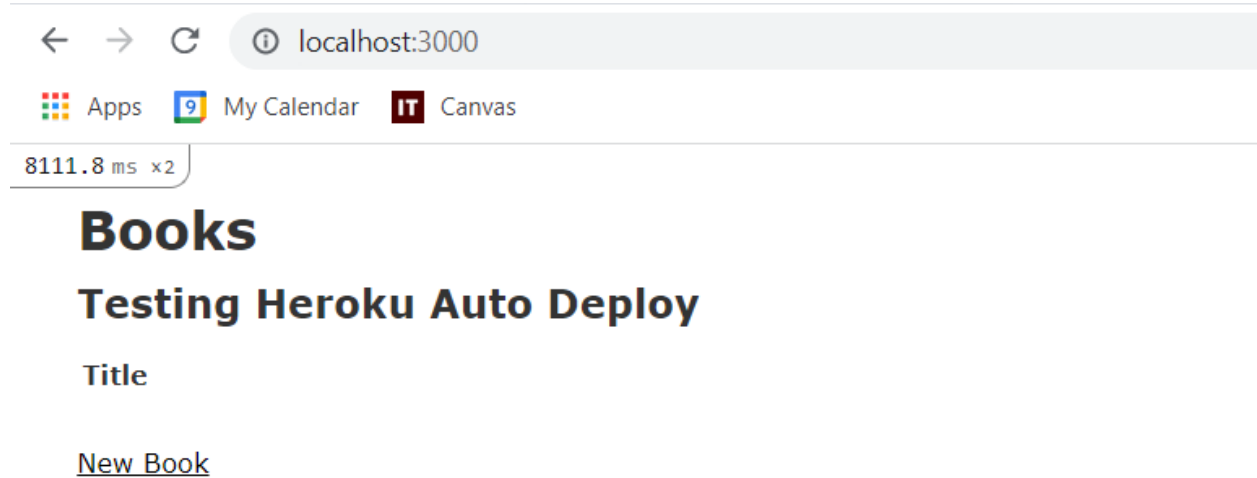
GitHub Classroom: <https://github.com/FA21-CSCE431/book-assignment-ianms17>

Heroku Test: <https://test-app-test-sezrqbhqlr0vjouf.herokuapp.com/>

Heroku Production: <https://stage-test-env-2022.herokuapp.com/>

Screenshots:

Screenshot 1:



Screenshot 2:

Windows PowerShell

```
root@4e17dfc0c49f:/csce431/test_app# rspec spec/unit/unit_spec.rb
..

Finished in 0.36695 seconds (files took 31 seconds to load)
2 examples, 0 failures

root@4e17dfc0c49f:/csce431/test_app#
```

Screenshot 3:

```
Windows PowerShell
root@6189c1e32dca:/csce431/test_app# rspec spec/unit/unit_spec.rb
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Failures:

  1) Book is valid with valid attributes
     Failure/Error: described_class.new(title: 'harry potter', author: 'jk rowling', price: 17.99, published_date: '1990-04-26')

     ActiveModel::UnknownAttributeError:
       unknown attribute 'author' for Book.
     # ./spec/unit/unit_spec.rb:6:in 'block (2 levels) in <top (required)>'
     # ./spec/unit/unit_spec.rb:10:in 'block (2 levels) in <top (required)>'

  2) Book is not valid without a name
     Failure/Error: described_class.new(title: 'harry potter', author: 'jk rowling', price: 17.99, published_date: '1990-04-26')

     ActiveModel::UnknownAttributeError:
       unknown attribute 'author' for Book.
     # ./spec/unit/unit_spec.rb:6:in 'block (2 levels) in <top (required)>'
     # ./spec/unit/unit_spec.rb:14:in 'block (2 levels) in <top (required)>'

  3) Book is not valid without an author
     Failure/Error: described_class.new(title: 'harry potter', author: 'jk rowling', price: 17.99, published_date: '1990-04-26')

     ActiveModel::UnknownAttributeError:
       unknown attribute 'author' for Book.
     # ./spec/unit/unit_spec.rb:6:in 'block (2 levels) in <top (required)>'
     # ./spec/unit/unit_spec.rb:19:in 'block (2 levels) in <top (required)>'

  4) Book is not valid with a negative price
     Failure/Error: described_class.new(title: 'harry potter', author: 'jk rowling', price: 17.99, published_date: '1990-04-26')

     ActiveModel::UnknownAttributeError:
       unknown attribute 'author' for Book.
     # ./spec/unit/unit_spec.rb:6:in 'block (2 levels) in <top (required)>'
     # ./spec/unit/unit_spec.rb:24:in 'block (2 levels) in <top (required)>'

  5) Book is not valid without a published date
     Failure/Error: described_class.new(title: 'harry potter', author: 'jk rowling', price: 17.99, published_date: '1990-04-26')

     ActiveModel::UnknownAttributeError:
       unknown attribute 'author' for Book.
     # ./spec/unit/unit_spec.rb:6:in 'block (2 levels) in <top (required)>'
     # ./spec/unit/unit_spec.rb:29:in 'block (2 levels) in <top (required)>'

Finished in 0.55884 seconds (files took 27.94 seconds to load)
5 examples, 5 failures

Failed examples:

rspec ./spec/unit/unit_spec.rb:9 # Book is valid with valid attributes
rspec ./spec/unit/unit_spec.rb:11 # Book is not valid without a name
rspec ./spec/unit/unit_spec.rb:18 # Book is not valid without an author
rspec ./spec/unit/unit_spec.rb:23 # Book is not valid with a negative price
rspec ./spec/unit/unit_spec.rb:28 # Book is not valid without a published date

root@6189c1e32dca:/csce431/test_app#
```

Select Windows PowerShell

```
# ./spec/features/integration_spec.rb:8:in "block (2 levels) in <stop (required)>":

2) Creating a book invalid author
   Failure/Error: fill_in "Author", with: ''

Capybara::ElementNotFound:

  Unable to find field "Author" that is not disabled
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/node/finders.rb:303:in "block in synced_resolve"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/node/base.rb:83:in "synchronize"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/node/finders.rb:292:in "synced_resolve"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/node/finders.rb:53:in "find"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/node/actions.rb:91:in "fill_in"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/session.rb:762:in "fill_in"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/dsl.rb:53:in "call"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/dsl.rb:53:in "fill_in"
# ./spec/features/integration_spec.rb:19:in "block (2 levels) in <stop (required)>":

3) Creating a book invalid price
   Failure/Error: fill_in "Author", with: 'jk rowling'

Capybara::ElementNotFound:

  Unable to find field "Author" that is not disabled
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/node/finders.rb:303:in "block in synced_resolve"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/node/base.rb:83:in "synchronize"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/node/finders.rb:292:in "synced_resolve"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/node/finders.rb:53:in "find"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/node/actions.rb:91:in "fill_in"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/session.rb:762:in "fill_in"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/dsl.rb:53:in "call"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/dsl.rb:53:in "fill_in"
# ./spec/features/integration_spec.rb:30:in "block (2 levels) in <stop (required)>":

4) Creating a book invalid published date
   Failure/Error: fill_in "Author", with: 'jk rowling'

Capybara::ElementNotFound:

  Unable to find field "Author" that is not disabled
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/node/finders.rb:303:in "block in synced_resolve"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/node/base.rb:83:in "synchronize"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/node/finders.rb:292:in "synced_resolve"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/node/finders.rb:53:in "find"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/node/actions.rb:91:in "fill_in"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/session.rb:762:in "fill_in"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/dsl.rb:53:in "call"
# ./usr/local/bundle/gems/capybara-3.35.3/lib/capybara/dsl.rb:53:in "fill_in"
# ./spec/features/integration_spec.rb:41:in "block (2 levels) in <stop (required)>":

Finished in 4.25 seconds (files took 27.41 seconds to load)
  Examples: 4 failures

Failed examples:

rspec ./spec/features/integration_spec.rb:5 # Creating a book valid inputs
rspec ./spec/features/integration_spec.rb:16 # Creating a book invalid author
rspec ./spec/features/integration_spec.rb:27 # Creating a book invalid price
rspec ./spec/features/integration_spec.rb:38 # Creating a book invalid published date

root@6189c1e32dca:/csce431/test_app#
```

Screenshot 4:

```
Windows PowerShell

1) Book is valid with valid attributes
Failure/Error: described_class.new(title: 'harry potter', author: 'jk rowling', price: 18, published_date: '1990-04-26')

ActiveModel::UnknownAttributeError:
  unknown attribute 'price' for Book.
# ./spec/unit/unit_spec.rb:6:in `block (2 levels) in <top (required)>'
# ./spec/unit/unit_spec.rb:10:in `block (2 levels) in <top (required)>'

2) Book is not valid without a name
Failure/Error: described_class.new(title: 'harry potter', author: 'jk rowling', price: 18, published_date: '1990-04-26')

ActiveModel::UnknownAttributeError:
  unknown attribute 'price' for Book.
# ./spec/unit/unit_spec.rb:6:in `block (2 levels) in <top (required)>'
# ./spec/unit/unit_spec.rb:14:in `block (2 levels) in <top (required)>'

3) Book is not valid without an author
Failure/Error: described_class.new(title: 'harry potter', author: 'jk rowling', price: 18, published_date: '1990-04-26')

ActiveModel::UnknownAttributeError:
  unknown attribute 'price' for Book.
# ./spec/unit/unit_spec.rb:6:in `block (2 levels) in <top (required)>'
# ./spec/unit/unit_spec.rb:19:in `block (2 levels) in <top (required)>'

4) Book is not valid with a negative price
Failure/Error: described_class.new(title: 'harry potter', author: 'jk rowling', price: 18, published_date: '1990-04-26')

ActiveModel::UnknownAttributeError:
  unknown attribute 'price' for Book.
# ./spec/unit/unit_spec.rb:6:in `block (2 levels) in <top (required)>'
# ./spec/unit/unit_spec.rb:24:in `block (2 levels) in <top (required)>'

5) Book is not valid without a published date
Failure/Error: described_class.new(title: 'harry potter', author: 'jk rowling', price: 18, published_date: '1990-04-26')

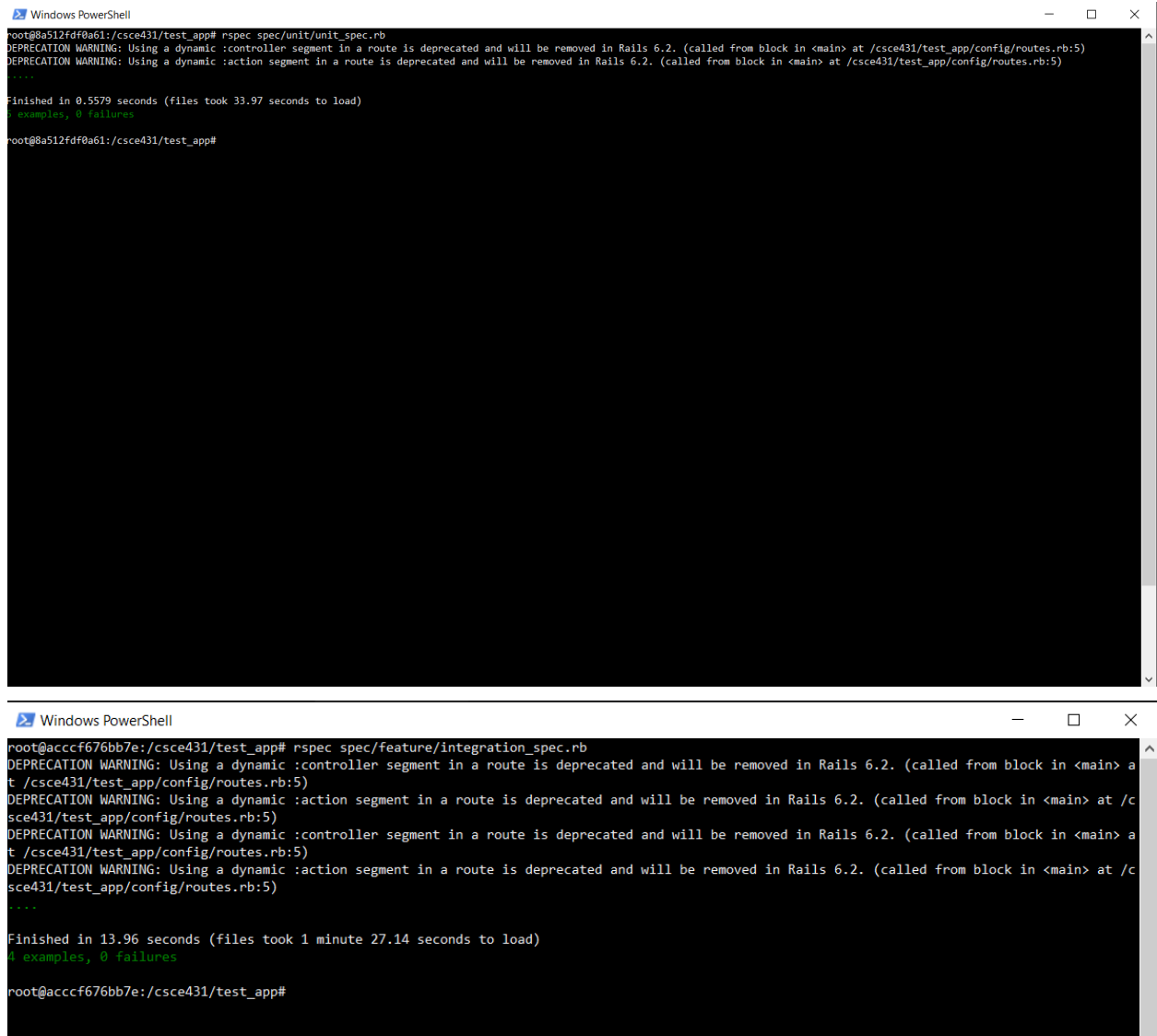
ActiveModel::UnknownAttributeError:
  unknown attribute 'price' for Book.
# ./spec/unit/unit_spec.rb:6:in `block (2 levels) in <top (required)>'
# ./spec/unit/unit_spec.rb:29:in `block (2 levels) in <top (required)>'

Finished in 0.59886 seconds (files took 1 minute 11.96 seconds to load)
5 examples, 5 failures

Failed examples:

rspec ./spec/unit/unit_spec.rb:9 # Book is valid with valid attributes
rspec ./spec/unit/unit_spec.rb:13 # Book is not valid without a name
rspec ./spec/unit/unit_spec.rb:18 # Book is not valid without an author
rspec ./spec/unit/unit_spec.rb:23 # Book is not valid with a negative price
rspec ./spec/unit/unit_spec.rb:28 # Book is not valid without a published date
```

Screenshot 5:



The image displays two screenshots of a Windows PowerShell terminal window. The top screenshot shows the execution of `rspec spec/unit/unit_spec.rb` in a directory `/csce431/test_app`. It reports that the tests finished in 0.5579 seconds, with 0 examples and 0 failures. There are two deprecation warnings about dynamic controller and action segments in routes. The bottom screenshot shows the execution of `rspec spec/feature/integration_spec.rb` in the same directory. It reports that the tests finished in 13.96 seconds, with 4 examples and 0 failures. There are four deprecation warnings about dynamic controller and action segments in routes.

```
Windows PowerShell
root@8a512fdf0a61:/csce431/test_app# rspec spec/unit/unit_spec.rb
DEPRECATION WARNING: Using a dynamic :controller segment in a route is deprecated and will be removed in Rails 6.2. (called from block in <main> at /csce431/test_app/config/routes.rb:5)
DEPRECATION WARNING: Using a dynamic :action segment in a route is deprecated and will be removed in Rails 6.2. (called from block in <main> at /csce431/test_app/config/routes.rb:5)
.....
Finished in 0.5579 seconds (files took 33.97 seconds to load)
0 examples, 0 failures

root@8a512fdf0a61:/csce431/test_app#

Windows PowerShell
root@acccf676bb7e:/csce431/test_app# rspec spec/feature/integration_spec.rb
DEPRECATION WARNING: Using a dynamic :controller segment in a route is deprecated and will be removed in Rails 6.2. (called from block in <main> at /csce431/test_app/config/routes.rb:5)
DEPRECATION WARNING: Using a dynamic :action segment in a route is deprecated and will be removed in Rails 6.2. (called from block in <main> at /csce431/test_app/config/routes.rb:5)
DEPRECATION WARNING: Using a dynamic :controller segment in a route is deprecated and will be removed in Rails 6.2. (called from block in <main> at /csce431/test_app/config/routes.rb:5)
DEPRECATION WARNING: Using a dynamic :action segment in a route is deprecated and will be removed in Rails 6.2. (called from block in <main> at /csce431/test_app/config/routes.rb:5)
.....
Finished in 13.96 seconds (files took 1 minute 27.14 seconds to load)
4 examples, 0 failures

root@acccf676bb7e:/csce431/test_app#
```

Screenshot 6:

The screenshot shows a web browser window displaying the commit history of a GitHub repository. The browser's address bar shows the URL `github.com/ianms17/environment_test/commits/main`. The repository name `ianms17/environment_test` is visible in the top navigation bar. The main branch is selected, indicated by a dropdown menu showing `main`. The commit history is organized into sections by date:

- Commits on Sep 30, 2021**
 - Merge pull request #3 from ianms17/test** (Verified, 5a02d12) by ianms17, committed 17 seconds ago.
 - Changed to resourceful routing, fixed failing integration tests** (6b5f089) by root, committed 2 minutes ago.
- Commits on Sep 29, 2021**
 - Merge pull request #2 from ianms17/test** (Verified, dd6a378) by ianms17, committed yesterday.
 - Book collection: implemented all fields without dropdown** (8fea411) by root, committed yesterday.
- Commits on Sep 17, 2021**
 - Merge pull request #1 from ianms17/test** (Verified, 6572cdf) by ianms17, committed 13 days ago.
 - Adding test line to index** (37c17d8) by root, committed 13 days ago.
 - add Profile and route** (1e7ec37) by root, committed 13 days ago.
- Commits on Sep 2, 2021**
 - Initial commit** (cfc27c7) by ianms17, committed 28 days ago.