



jeVOYAGE

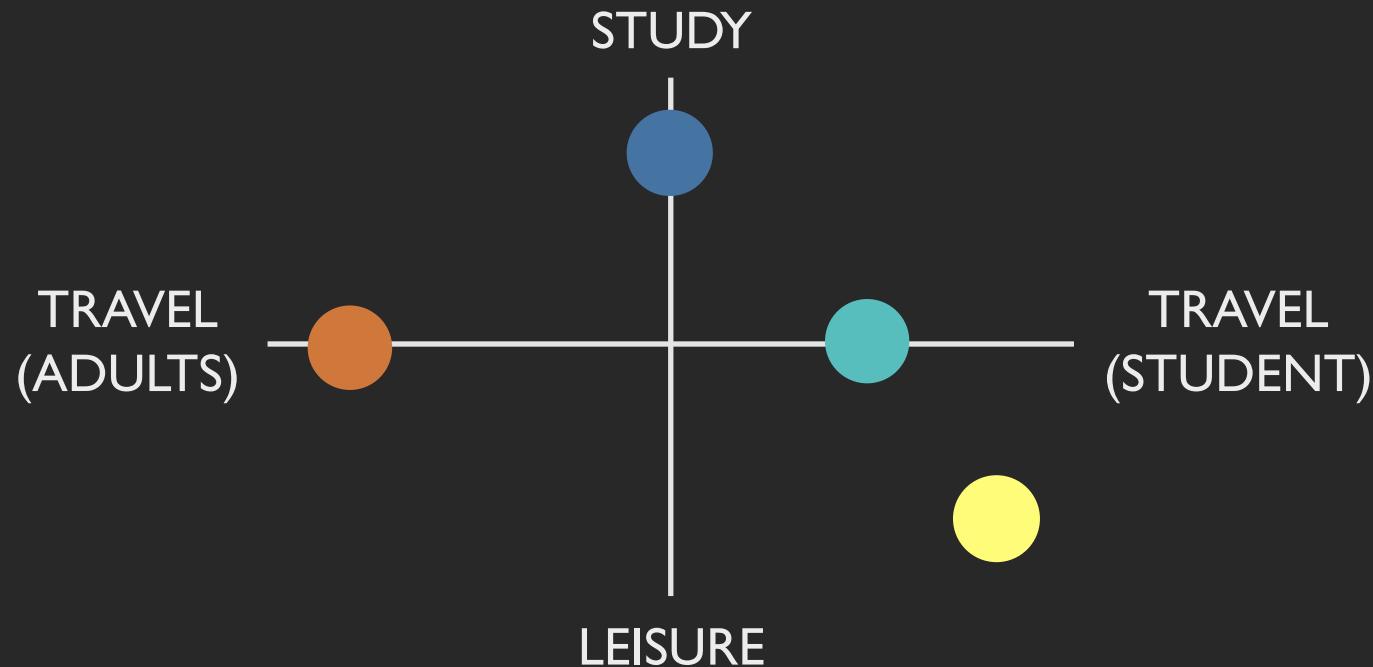
CONNECT · TRAVEL · SHARE

Sheila Chan, Rachel Crown, Inez Foong, Terence Lim, Adetunji Olojede

- 1 ABOUT
- 2 PROCESS
- 3 CONCLUSION

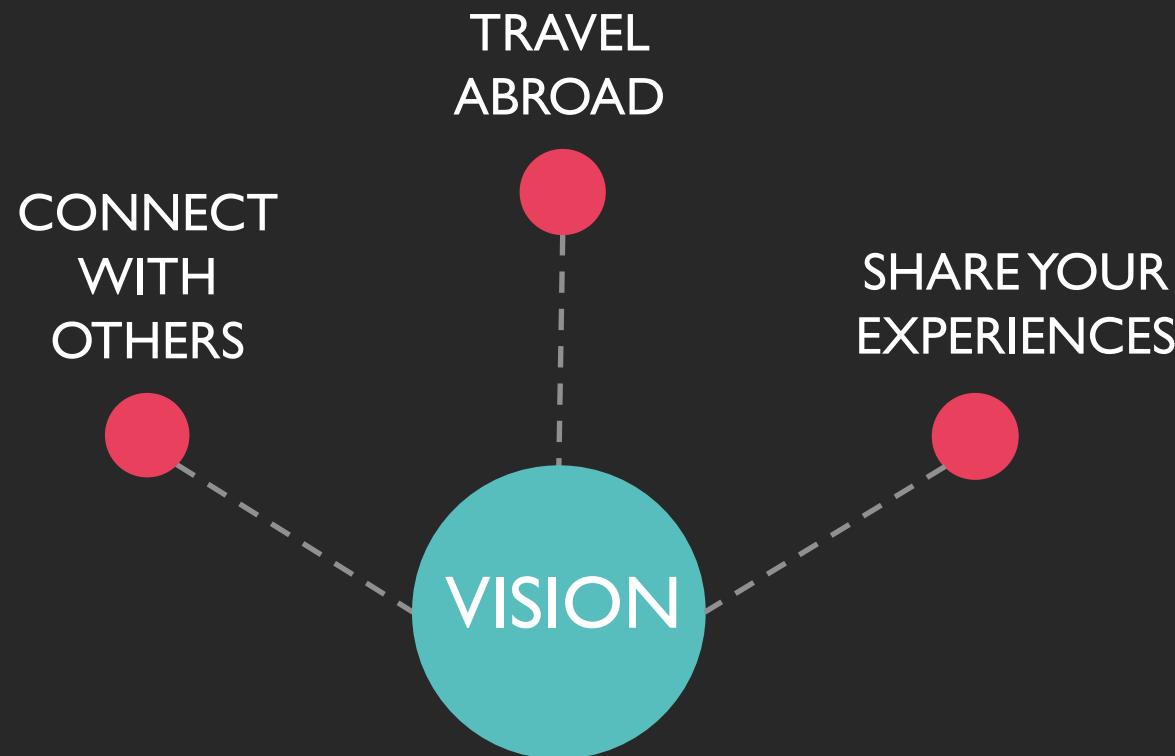
I'm travelling abroad.
Where can I find information
about _____ ?

College Student



LEGEND

- VACATIONIST
- STUDYABROAD
- STA TRAVEL
- JEVOYAGE



DESIGN
AESTHETIC



EASY



MODERN



CLEAN



COHESIVE



SAMANTHA

AMERICAN
DOESN'T KNOW
WHERE TO GO



JAKE

AUSTRALIAN
WANTS TO STUDY IN
NEW YORK

DEMO

BACKEND

RAILS, HEROKU

FRONTEND

TWITTER BOOTSTRAP

GEMS

X-EDITABLE

APIs

FACTUAL, BING, GOOGLE MAPS

USE CASES

WIREFRAMES

PHOTO UPLOAD

USER ACCESS

DROPDOWNS

CSS FIXES

SCAFFOLDING
MODELSMAP
ADMIN DASHBOARD
FORUM
TABLET

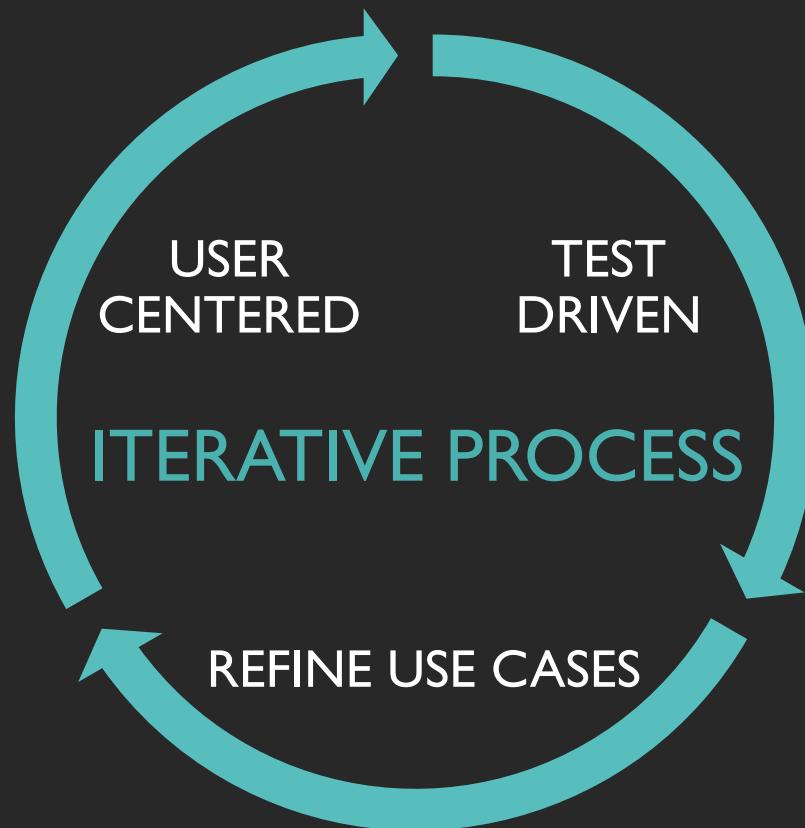
LEGEND



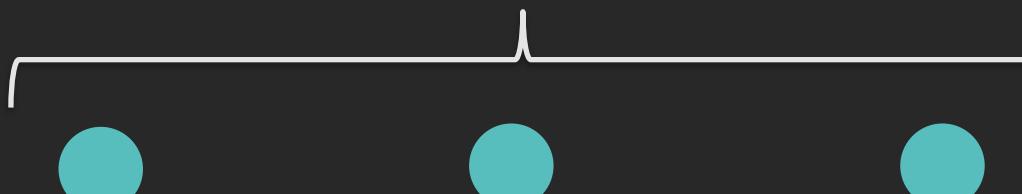
Unit Testing



User Testing



USER TESTING



ROUND 1

INTERACTIVE
PROTOTYPE

ROUND 2

LOCAL
MACHINE

ROUND 3

HEROKU APP IN
PROF Q'S
GLOBAL CLASS

78% SAID THAT THEY WOULD USE OUR
APPLICATION IN THE FUTURE

ABOUT

PROCESS

CONCLUSION

PERSONAS

DEMO

HOW

TIMELINE

PROCESS

USERTESTING

WIREFRAMES

UI

WIREFRAMES

Enter the country and city you're heading to below to find out more to start exploring.

United Kingdom 

London 

Tell me more!

— OR —

[Click here to explore cities by using the world map](#)

WORDY

Enter the country and city you're heading to below to find out more to start exploring.

United Kingdom 

London 

Tell me more!

— OR —

[Click here to explore cities by using the world map](#)

WORDY

Enter the country and city you're heading to below to find out more to start exploring.

United Kingdom 

London 

Tell me more!

MAP LINK
NOT
OBVIOUS

— OR —

[Click here to explore cities by using the world map](#)



LESS TEXT

Enter the country and city you're heading to

Country

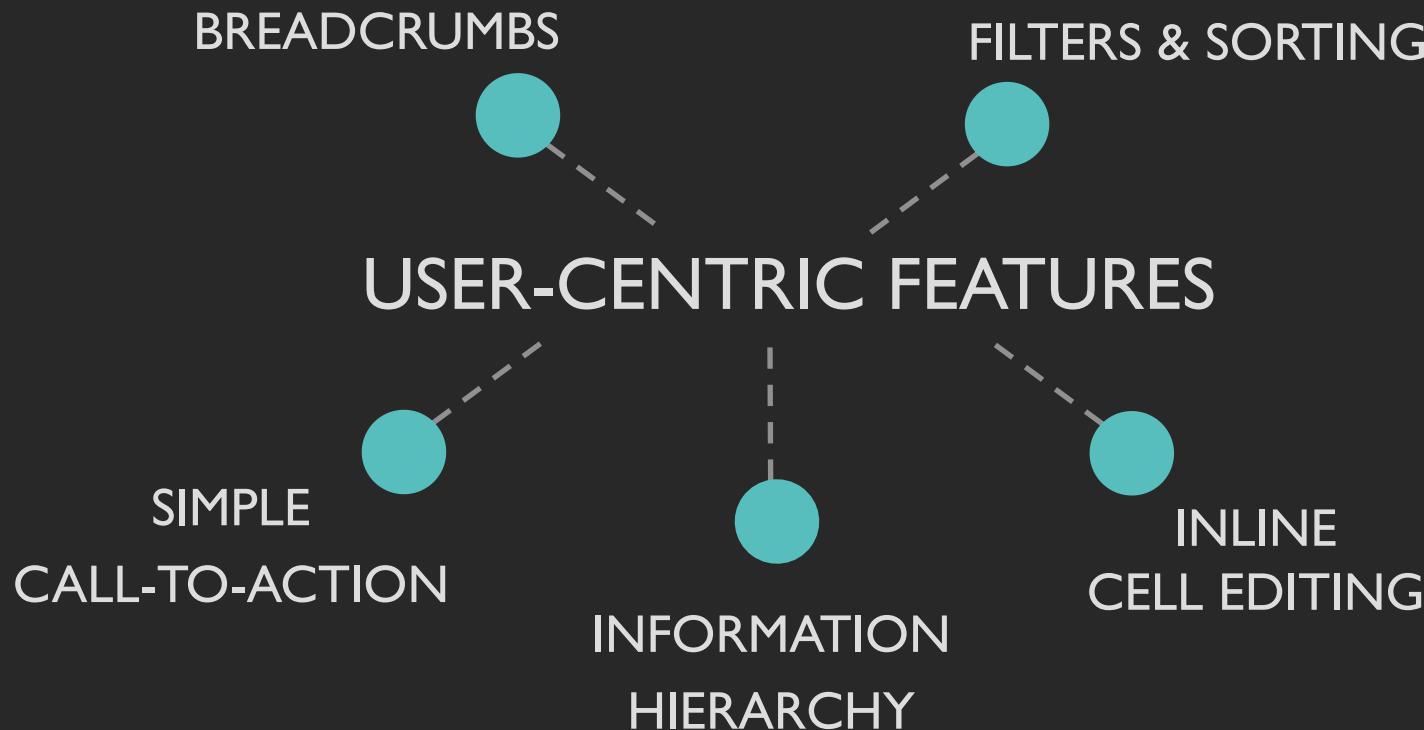
City

Please tell me more!

I'm feeling lucky!

MAP LINK
MORE
OBVIOUS

Explore the world map



FACEBOOK
INTEGRATION

ACADEMIC
INFORMATION



MARKETING
& EXPANSION



ABOUT PROCESS **CONCLUSION**

PLANS CODING **REFLECTIONS** NUTSHELL

LESSONS LEARNT



OPEN PROJECT TEAMWORK WILLINGNESS
COMMUNICATION MANAGEMENT TO TRY



17 MODELS



40 USE CASES



181 WIREFRAMES



3 ROUNDS OF USER TESTING



30 USERS TESTED



462 COMMITS



641 PERSON HOURS SPENT

?

QUESTIONS

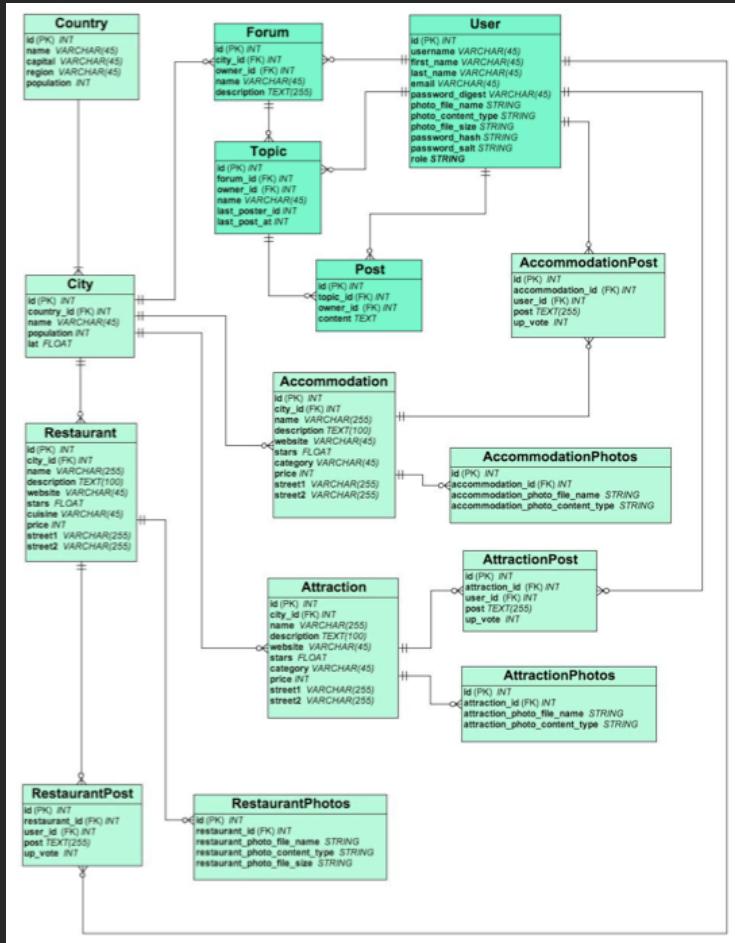
Models (97.83% covered at 1.31 hits/line)

17 files in total. 323 relevant lines. 316 lines covered and 7 lines missed

Search:

File	% covered	Lines	Relevant Lines	Lines covered	Lines missed	Avg. Hits / Line
app/models/ability.rb	88.24 %	87	34	30	4	1.7
app/models/user.rb	96.67 %	57	30	29	1	1.4
app/models/restaurant.rb	98.0 %	105	50	49	1	2.0
app/models/accommodation.rb	98.15 %	117	54	53	1	1.6
app/models/accommodation_photo.rb	100.0 %	9	4	4	0	1.0
app/models/accommodation_post.rb	100.0 %	14	7	7	0	1.0
app/models/attraction.rb	100.0 %	129	50	50	0	1.5
app/models/attraction_photo.rb	100.0 %	8	4	4	0	1.0
app/models/attraction_post.rb	100.0 %	15	7	7	0	1.0
app/models/city.rb	100.0 %	45	27	27	0	2.1
app/models/country.rb	100.0 %	30	17	17	0	1.9
app/models/country_photo.rb	100.0 %	8	4	4	0	1.0
app/models/forum.rb	100.0 %	24	11	11	0	1.0
app/models/post.rb	100.0 %	13	6	6	0	1.0
app/models/restaurant_photo.rb	100.0 %	8	4	4	0	1.0
app/models/restaurant_post.rb	100.0 %	15	7	7	0	1.0
app/models/topic.rb	100.0 %	13	7	7	0	1.0

97.83% UNIT TEST COVERAGE



ERD

PROJECT MANAGEMENT

- 
- BIWEEKLY MEETINGS
 - OPEN COMMUNICATION
 - INTERNAL DEADLINES
 - “PAIR PROGRAMMING”

ABOUT PROCESS CONCLUSION

PERSONAS DEMO HOW TIMELINE **PROCESS** USERTESTING WIREFRAMES UI

Role	Use Case	Level	Difficulty
User	Enter my username and password	A	1
User	Edit my profile information	A	1
User	View countries	A	1
User	View information about a country	A	1
User	View information about a city	A	1
User	Post information about a city	A	1
User	CRUD my posts	A	1
User	CRUD accommodation information about a city	A	1
User	CRUD dining information about a city	A	1
User	CRUD information about places to visit in a city	A	1
Admin	Enter my username and password	A	1
Admin	View a list of countries	A	1
Admin	View information about a country	A	1
Admin	Post information about a city	A	1
Admin	Delete posts	A	1
Admin	Edit posts	A	1
Guest	View accommodation information about a city	A	1
Guest	View dining information about a city	A	1
Guest	View information about places to visit in a city	A	1
Guest	Enter personal information	A	1
Guest	View countries	A	1

Role	Use Case	Level	Difficulty
Guest	View information about a country	A	1
Guest	View information about a city	A	1
User	CRUD additional information	B	1
User	Search for a keyword	B	2
User	Upload Photos	B	2
User	View profiles of other users	B	1
User	View links to blogs/websites about programs located in that country/city	B	1
User	CRUD checklist of things to take care of before going abroad	B	1
Admin	Delete inappropriate photos	B	2
Guest	View profiles of other users	B	1
Guest	View links to blogs/websites about programs located in that country/city	B	1
Guest	View a checklist of things to take care of before going abroad	B	1
Guest	Search information(city, restaurant, hotel, etc.) (2)	B	2
User	Login through facebook	C	3
User	Upvote/downvote answers	C	3
User	CRUD a list of useful words and phrases	C	1
User	CRUD Universities/Courses	C	2
Guest	View Universities/Courses	C	2
Guest	View a list of useful words and phrases	C	1

40 USE CASES

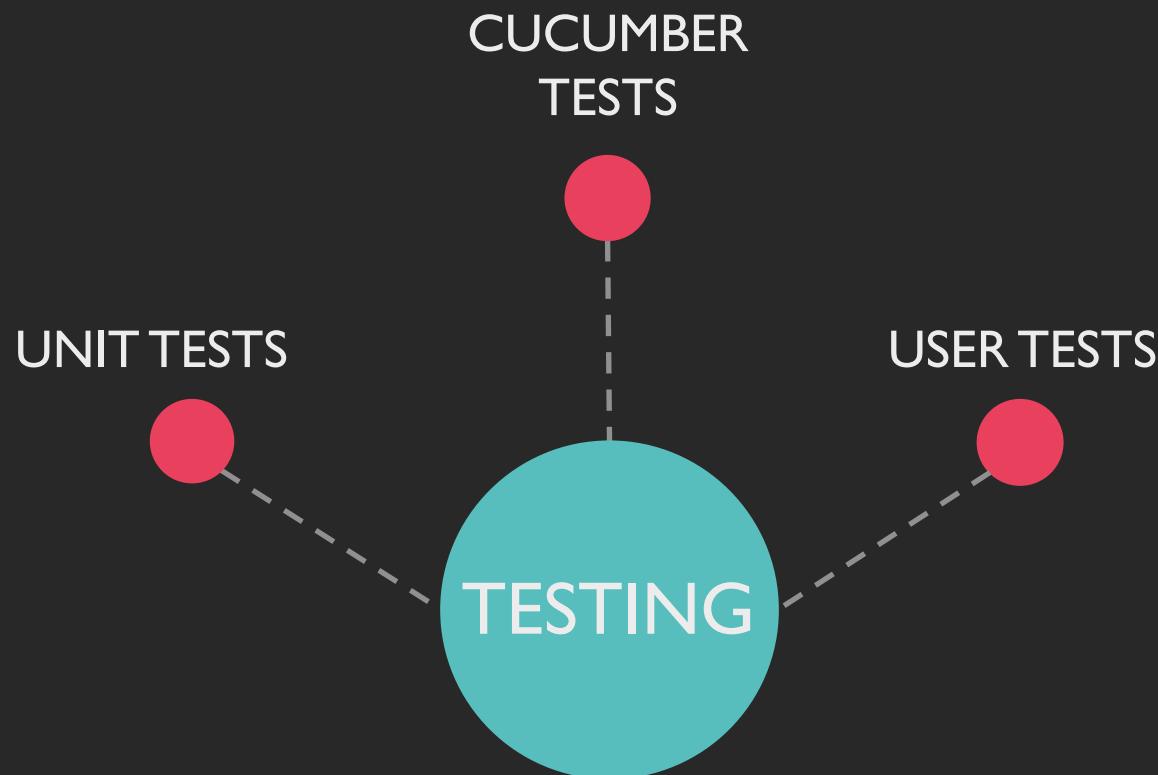
USER TESTING FEEDBACK



SIMPLE
EASY TO USE
INTUITIVE



COULDN'T LOCATE MAP
TOO MANY CITIES IN
DROPDOWN
BUGS



```
Feature: Manage Accommodations Page
As a user
I want to be able to see a city's accommodations page
So I can find the information I am looking for

Background: Given an initial country # features/2_accommodations.feature:6

Scenario: View Accommodations Page      # features/2_accommodations.feature:8
    Given a logged in user               # features/step_definitions/user_steps.rb:15
    Given an initial country            # features/step_definitions/user_steps.rb:23
    When I go to accommodations page   # features/step_definitions/web_steps.rb:48
    Then I should see "ACCOMMODATIONS" # features/step_definitions/web_steps.rb:113
    And I should see "Aberdeen, Australia" # features/step_definitions/web_steps.rb:113
    And I should see "Accommodation Type" # features/step_definitions/web_steps.rb:113
    And I should see "Price"           # features/step_definitions/web_steps.rb:113
    And I should see "Rating"          # features/step_definitions/web_steps.rb:113

Feature: Manage Restaurants Page
As a user
I want to be able to see a city's restaurants page
So I can find the information I am looking for

Background: Given an initial city # features/3_restaurants.feature:6

Scenario: View Restaurants Page      # features/3_restaurants.feature:8
    Given a logged in user             # features/step_definitions/user_steps.rb:15
    Given an initial country          # features/step_definitions/user_steps.rb:23
    When I go to restaurants page    # features/step_definitions/web_steps.rb:48
    Then I should see "RESTAURANTS"  # features/step_definitions/web_steps.rb:113
    And I should see "Aberdeen, Australia" # features/step_definitions/web_steps.rb:113
    And I should see "Restaurant Type" # features/step_definitions/web_steps.rb:113
    And I should see "Price"          # features/step_definitions/web_steps.rb:113
    And I should see "Rating"         # features/step_definitions/web_steps.rb:113

Feature: Manage Attractions Page
As a user
I want to be able to see a city's attractions page
So I can find the information I am looking for

Background: Given an initial city # features/4_attractions.feature:6

Scenario: View Attractions Page      # features/4_attractions.feature:8
    Given a logged in user            # features/step_definitions/user_steps.rb:15
    Given an initial country          # features/step_definitions/user_steps.rb:23
    When I go to attractions page   # features/step_definitions/web_steps.rb:48
    Then I should see "ATTRACTIONS"  # features/step_definitions/web_steps.rb:113
    And I should see "Aberdeen, Australia" # features/step_definitions/web_steps.rb:113
    And I should see "Attraction Type" # features/step_definitions/web_steps.rb:113
    And I should see "Price"          # features/step_definitions/web_steps.rb:113
    And I should see "Rating"         # features/step_definitions/web_steps.rb:113

9 scenarios (9 passed)
65 steps (65 passed)
```

CUCUMBER TESTS

CHALLENGES FACED



- DEPLOYING ON HEROKU
- ERD CHANGES
- PERSONAL COMMITMENTS
- TJ'S LAPTOP DYING

ABOUT PROCESS **CONCLUSION**

PLANS CODING REFLECTIONS NUTSHELL

OIE
OFFICE OF INTERNATIONAL EDUCATION

ABOUT PROCESS **CONCLUSION**

PLANS CODING REFLECTIONS NUTSHELL

SCALABILITY

SEARCH
SORTING & FILTERING
IMAGE REDUCTION
CACHING

SECURITY



RAILS SQL INJECTION



BCRYPT



CANCAN GEM



RAILS-BACKUP-MIGRATE



Spain


[Bilbao](#) ▾

[Lodging](#)
[Food](#)
[Attractions](#)
[Forum](#)

Lodging


[parcourir](#)

Food



Attractions



Benjamin Lee

Spain ▾ ,
Bilbao ▾


Lodging

Looking for a place to stay?
Come click here to find the
best hotels in Bilbao!

Food

Hungry? Click here to find the
best places to eat in Bilbao!

Attractions

Bored? No Problem! Find the
most exciting places to visit
during your stay in Bilbao!

Forum

Looking for more? Interact
with others who have traveled
abroad in Bilbao!

Benjamin Lee

LONDON



+ Stay

Looking for a place to
stay? Come click here to
find the best hotels in
London!

+ Dine

Hungry? Click here to
find the best places to
eat in London!

+ Places

Bored? No Problem!
Find the most exciting
places to visit during
your stay in London!

+ Forum

Looking for more?
Interact with others who
have traveled abroad in
London!

parcourir


LONDON



+ Stay

Looking for a place to
stay? Come click here to
find the best hotels in
London!

+ Dine

Hungry? Click here to
find the best places to
eat in London!

+ Places

Bored? No Problem!
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+ Forum

Looking for more?
Interact with others who
have traveled abroad in
London!

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ABERDEEN



ACCOMMODATIONS

Looking for a place to stay? Come click here to find the best hotels in Aberdeen!



RESTAURANTS

Hungry? Click here to find the best places to eat in Aberdeen!



ATTRACTIIONS

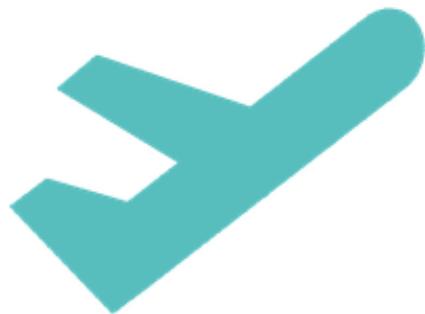
Bored? No Problem! Find the most exciting places to visit during your stay in Aberdeen!



FORUM

Looking for more? Interact with others who have traveled abroad in Aberdeen!





Oops we can't find the page that you're looking for.

It might have taken off...

404 PAGE



Your visa application has been rejected.

Please try again.



We're sorry but something went wrong.

500 PAGE

ABOUT

PROCESS

CONCLUSION

PERSONAS

DEMO

HOW

TIMELINE

PROCESS

USERTESTING

WIREFRAMES

UI



FAVICON