



# jeVOYAGE

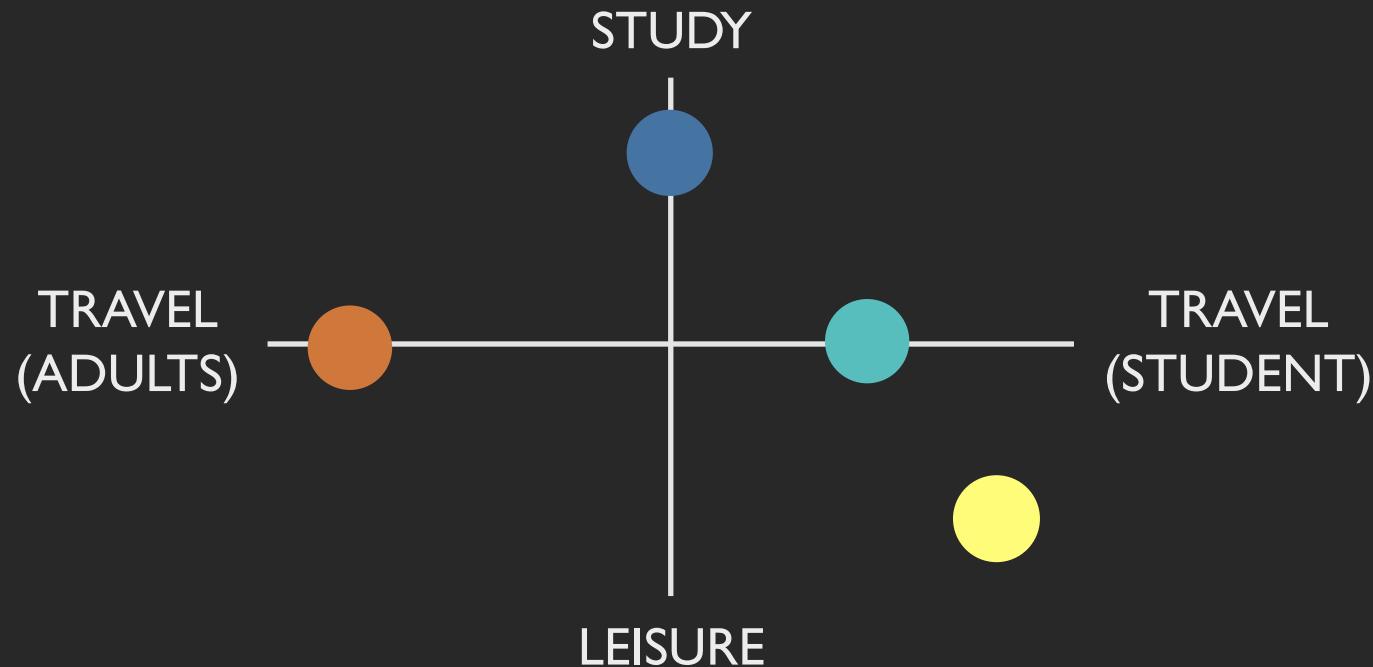
CONNECT · TRAVEL · SHARE

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

- 1 ABOUT
- 2 PROCESS
- 3 CONCLUSION

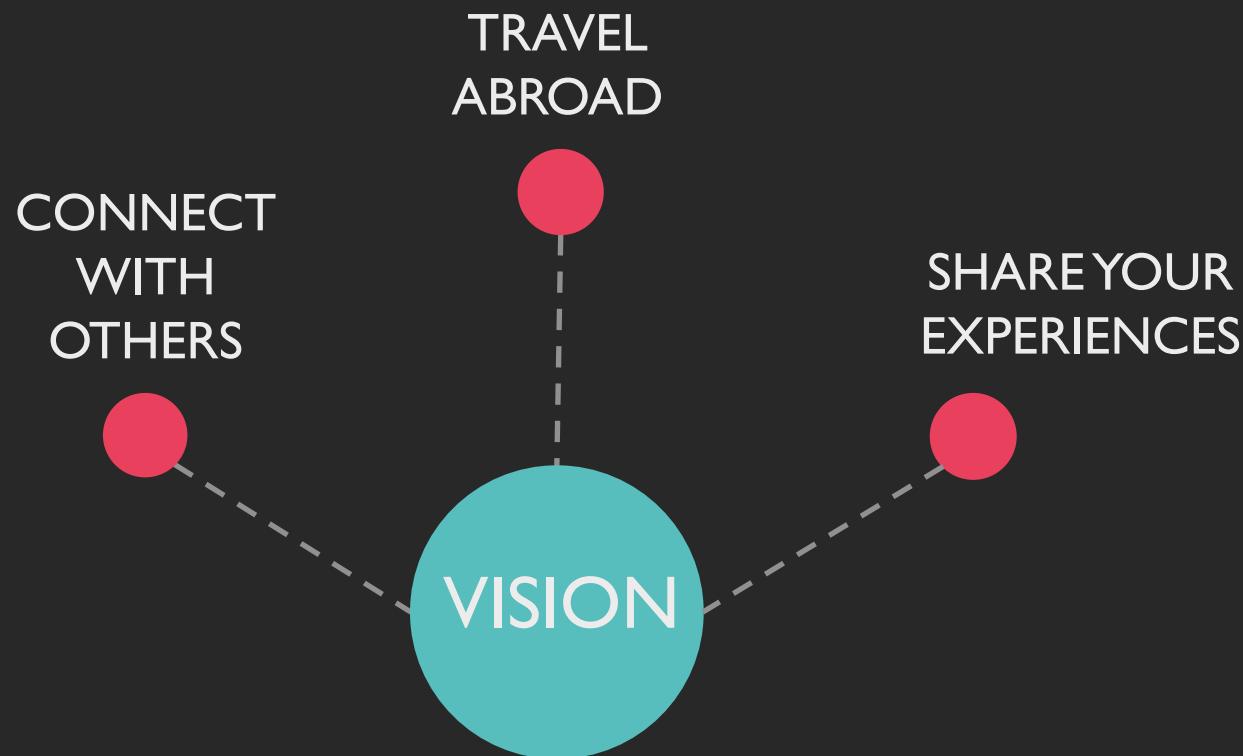
I'm travelling abroad.  
Where can I find information  
about \_\_\_\_\_ ?

College Student



LEGEND

- VACATIONIST
- STUDYABROAD
- STA TRAVEL
- JEVOYAGE



**DESIGN  
AESTHETIC**



EASY



MODERN



CLEAN



COHESIVE



SAMANTHA

AMERICAN  
DOESN'T KNOW  
WHERE TO GO



JAKE

ENGLISH  
WANTS TO STUDY IN  
NEW YORK

ABOUT

**PROCESS**

CONCLUSION

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PERSONAS

**DEMO**

HOW

TIMELINE

PROCESS

WIREFRAMES

UI

**DEMO**

BACKEND

RAILS

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

## LEGEND



Unit Testing



User Testing

ABOUT

## PROCESS

CONCLUSION

PERSONAS

DEMO

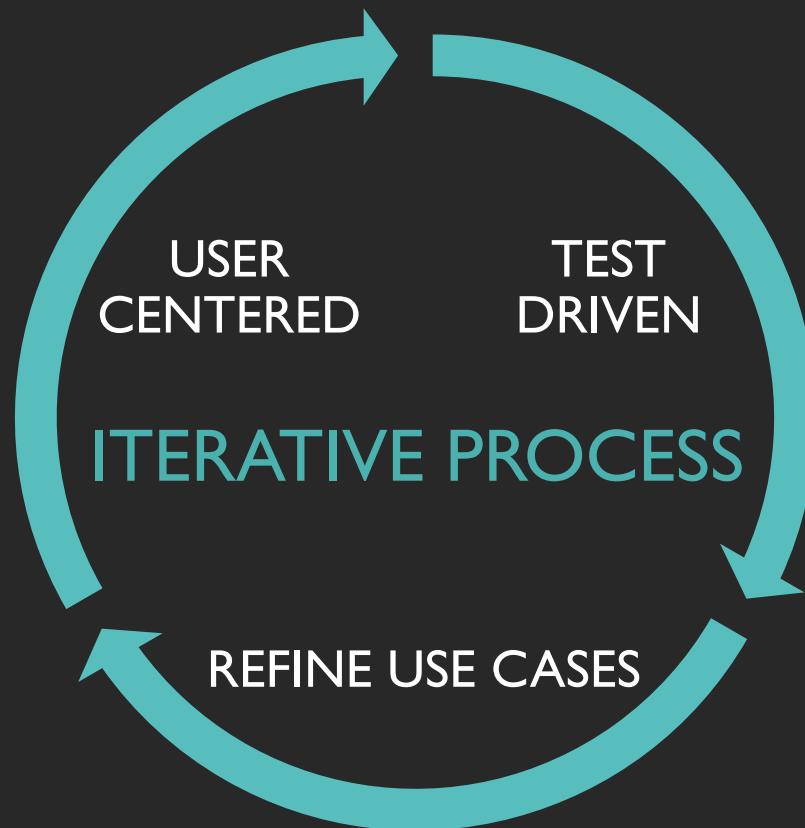
HOW

TIMELINE

## PROCESS

WIREFRAMES

UI



ABOUT

PROCESS

CONCLUSION

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PERSONAS

DEMO

HOW

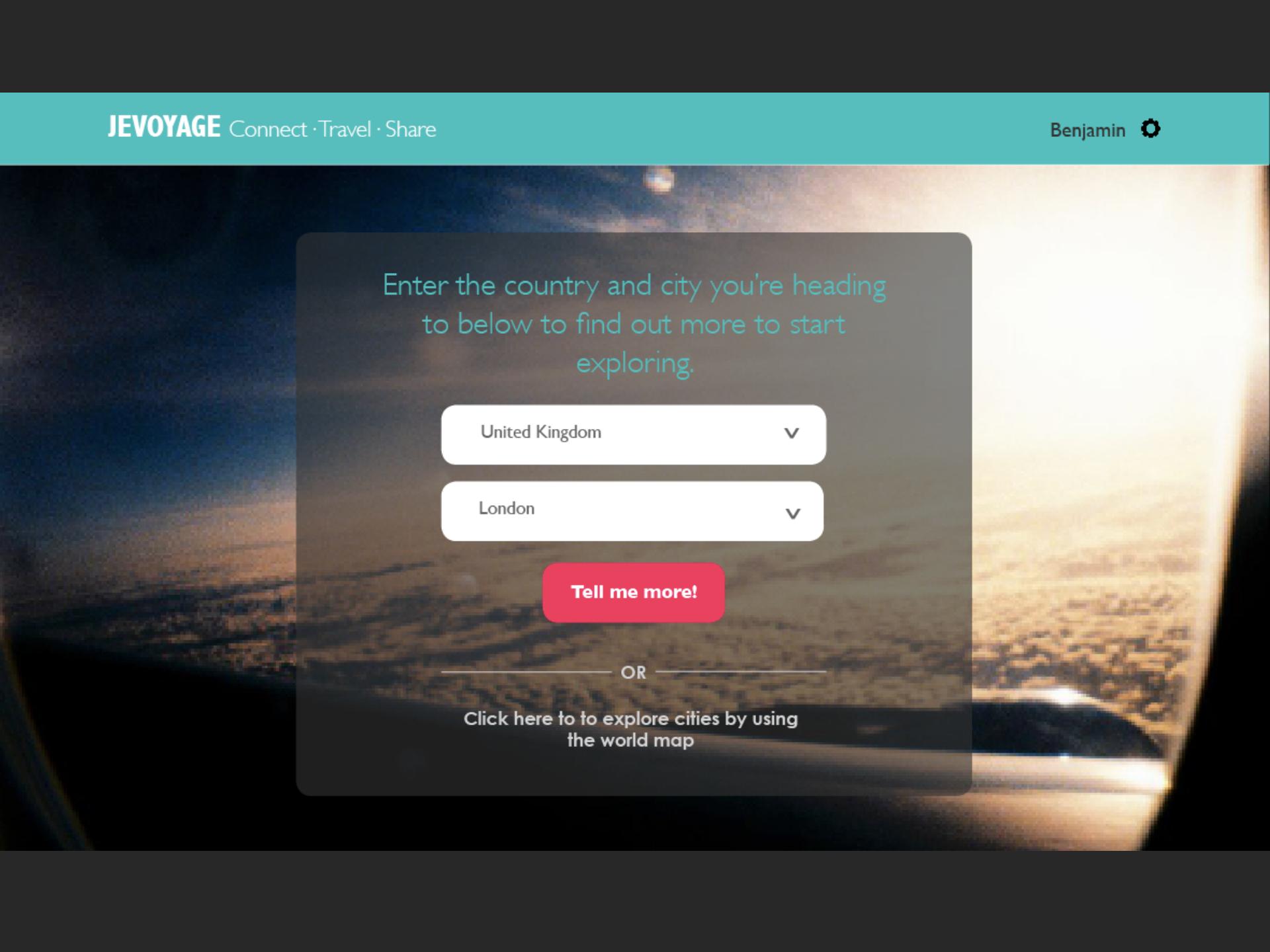
TIMELINE

PROCESS

**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

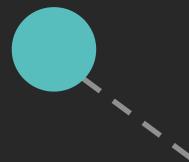
Please tell me more!

I'm feeling lucky!

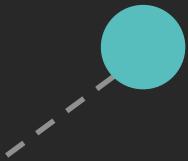
MAP LINK  
MORE  
OBVIOUS

Explore the world map

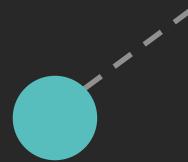
BREADCRUMBS



FILTERS & SORTING



USER-CENTRIC FEATURES



SIMPLE  
CALL-TO-ACTION



INFORMATION  
HIERARCHY

INLINE  
CELL EDITING

FACEBOOK  
INTEGRATION

ACADEMIC  
INFORMATION



MARKETING  
& EXPANSION

ABOUT PROCESS CONCLUSION

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PLANS **REFLECTIONS** NUTSHELL

## LESSONS LEARNT



OPEN  
COMMUNICATION



WILLINGNESS  
TO TRY



HOW TO  
DIVIDE WORK  
& MANAGE  
WORK PLAN



BRING FOOD  
TO MEETINGS



17 MODELS



40 USE CASES



181 WIREFRAMES



3 ROUNDS OF USER TESTING



30 USERS TESTED



462 COMMITS



582.6 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

## PROJECT MANAGEMENT

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

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

## USER TESTING



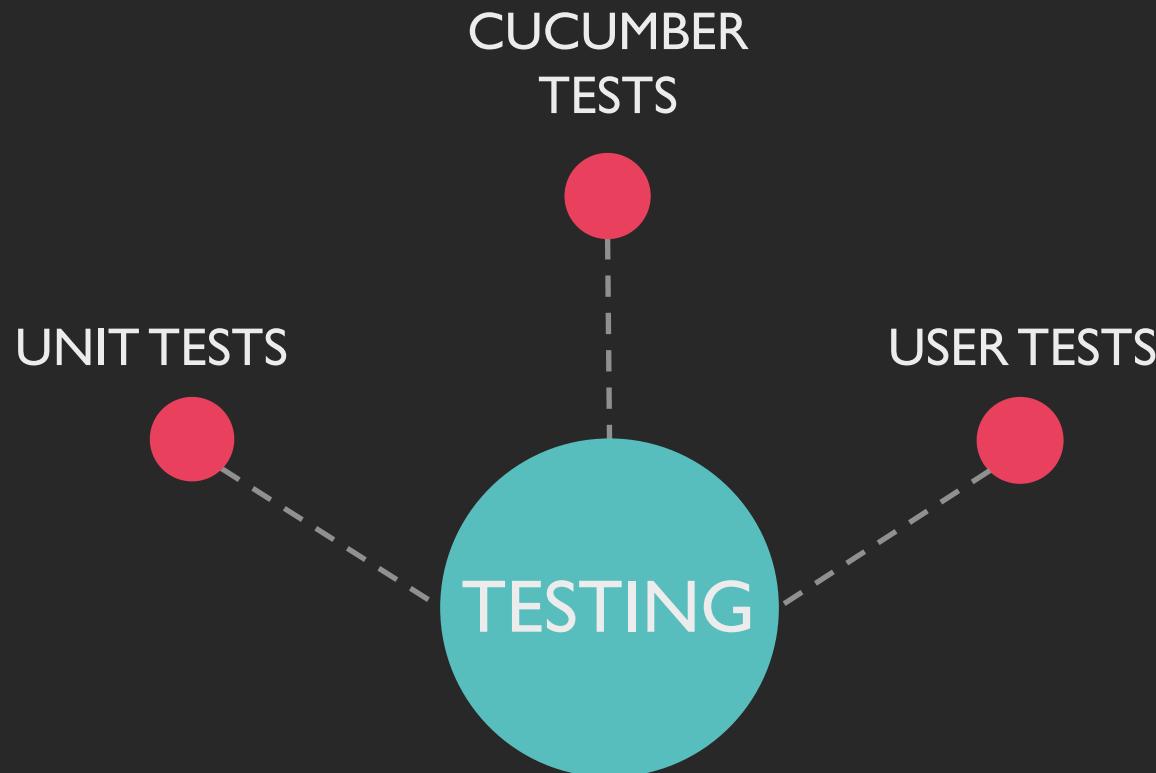
PHASE 2  
INTERACTIVE  
PROTOTYPE



PHASE 4  
LOCAL  
MACHINE



PHASE 5  
HEROKU APP IN  
PROF Q'S  
GLOBAL CLASS



## CITY-SPECIFIC INFORMATION



## PHOTO UPLOAD

ACCOMMODATIONS  
RESTAURANTS  
ATTRACTIIONS

FORUM

## LEGEND



Unit Testing



User Testing

ABOUT PROCESS **CONCLUSION**

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**PLANS** REFLECTIONS NUTSHELL

OIE  
OFFICE OF INTERNATIONAL EDUCATION

## SECURITY



- RAILS SQL INJECTION
- BCRYPT
- CANCAN GEM
- RAILS-BACKUP-MIGRATE

LOAD TESTING

SECURITY



IMAGE  
MAGICK TO  
REDUCE  
IMAGE SIZE