Team Members: Emily Baker, Victoria Dmyterko
Project Title: New Wave Travel Agency
URL: http://flip1.engr.oregonstate.edu:9037/ (Note that you must be logged into OSU VPN)

EXECUTIVE SUMMARY
Feedback and Changes

- Early on, most of our feedback was positive. The feedback we received from the graders helped us make our database outline more clear and concise, for instance noting all instances of FKs and "Shorten table name Trip_Feature_Relationships to Trip_Features".
- Some of the feedback we received around step 3 and onward would suggest adding more features to our pages, such as a delete option for our students page. However, since we wanted to accomplish the project in a timely manner and implement all basic requirements first, we have not completed these suggestions. We do agree that implementing more features would make our website more robust and interesting.
- Our peer reviewers were very helpful when it came to finding various bugs in our code, for instance Diane wrote in our Step 4 review "The link "You can add new staff information here" links to update-staff.html which is broken". This was very helpful and a quick fix.
- Another bug we fixed with the help of peer reviewers was with the checkboxes on our filter trips page not persisting. Matt's review helped us notice the error and fix it quickly. He also pointed out that an error occurred if the checkboxes are left empty and the filter button is clicked on, we have also fixed this issue so that an error doesn't pop up when no filters are selected.
- Jonathan Raines helped us by reminding us to add more comments throughout our code so that it is easy to navigate and understand. We also implemented his suggestion of splitting up our routes into separate modules. This made our app.js code much cleaner and easier to read.
- During Step 5 Reviews Jamie and Matt gave feedback with regards to moving our navigation bar to the top of the page, above our title. We also added more information and an image to make the website more personalized.
- Another change we made based on feedback was to make sure that trip names were unique, so that multiple trips of the same name couldn't be added to our database. Also, we made sure that the end date of a trip could not be before the start date of the same trip!
- Step 6 Reviews helped us identify an error in our /customize-staff route which was due to mixed-up variable names.

PROJECT OUTLINE

New Wave Travel Agency caters to university students who wish to take a gap year, semester abroad, homestay visit or experience around the world. Currently the New Wave Travel Agency is based in Oregon and works only with students from Oregon universities. It supports travel to 50 cities in Europe, South America, Asia and Australia. This database is used by administrative staff who need to track the approximately 2000 students that New Wave Travel Agency serves each year. Administrators can update this database when new trips are booked, they can also delete trips when students cancel their reservation.

DATABASE OUTLINE

Students: records the students who are on the trips
- studentID: int, auto_increment, unique, not NULL, PK
- name: varchar(255), not NULL
- university: varchar(255), not NULL
- phone: varchar(20)
- email: varchar(255)
- trip: int, FK
- staff: int, FK
- Relationship: a M:1 relationship between Students and Trips is implemented with tripID as the FK inside of Students
- Relationship: a M:1 relationship between Students and Staff is implemented with staffID as the FK inside of Students

Trips: records the different trips taken by the students
- tripID: int, auto_increment, unique, not NULL, PK
- name: varchar(255), unique, not NULL
- city: varchar(255), not NULL
- country: varchar(255), not NULL
- price: float, not NULL
- startDate: date, not NULL
- endDate: date, not NULL
- Relationship: a 1:M relationship between Trips and Students is implemented with tripID as the FK inside of the Students
- Relationship: a M:M relationship between Trips and Features is implemented with featureID and tripID as the FKs inside of Trip_Features

Features: records the different features offered in the trips
- featureID: int, auto_increment, unique, not NULL, PK
- name: varchar(255), unique, not NULL

- Relationship: a M:M relationship between Trips and Features is implemented with featureID and tripID as the FKs inside of Trip_Features
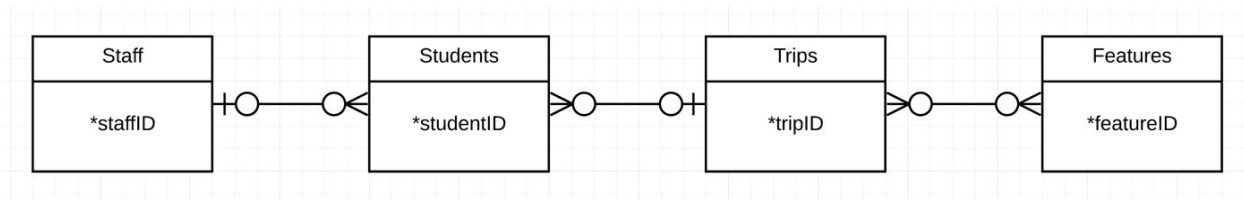
Trip_Features: holds the connections between Trips and Features
- tripID: int, not NULL, PK
- featureID: int, not NULL, PK
  - *Note: tripID and featureID are the PK together*
- Relationship: a M:M relationship between Trips and Features is implemented with featureID and tripID as the FKs inside of Trip_Features
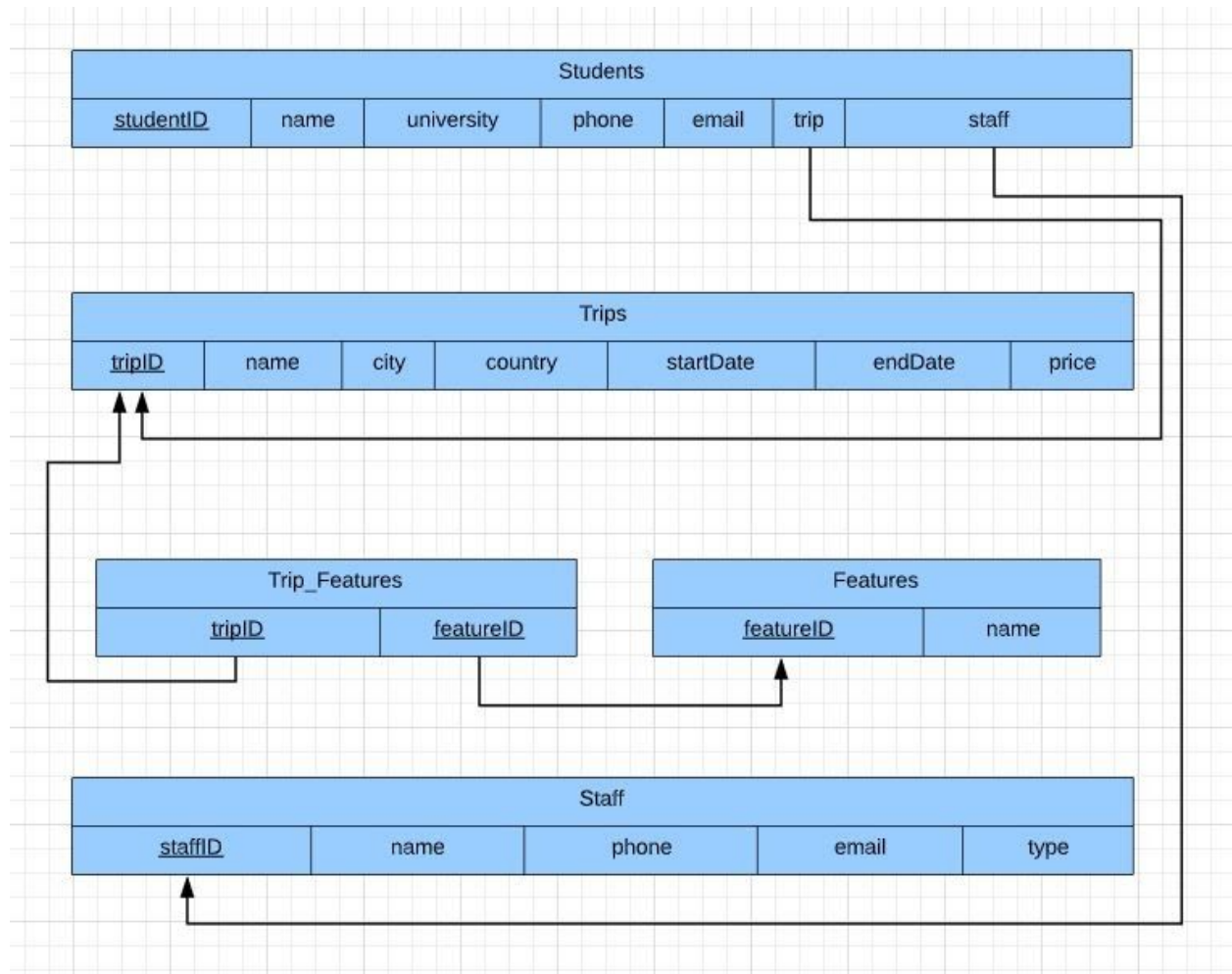
Staff: holds the administrative staff responsible for each student
- staffID: int, not NULL, auto_increment, unique, PK
- name: varchar(255), not NULL
- phone: varchar(20)
- email: varchar(255), not NULL
- type: varchar(255), not NULL
- Relationship: a 1:M relationship between Staff and Students is implemented with staffID as the FK inside of Students
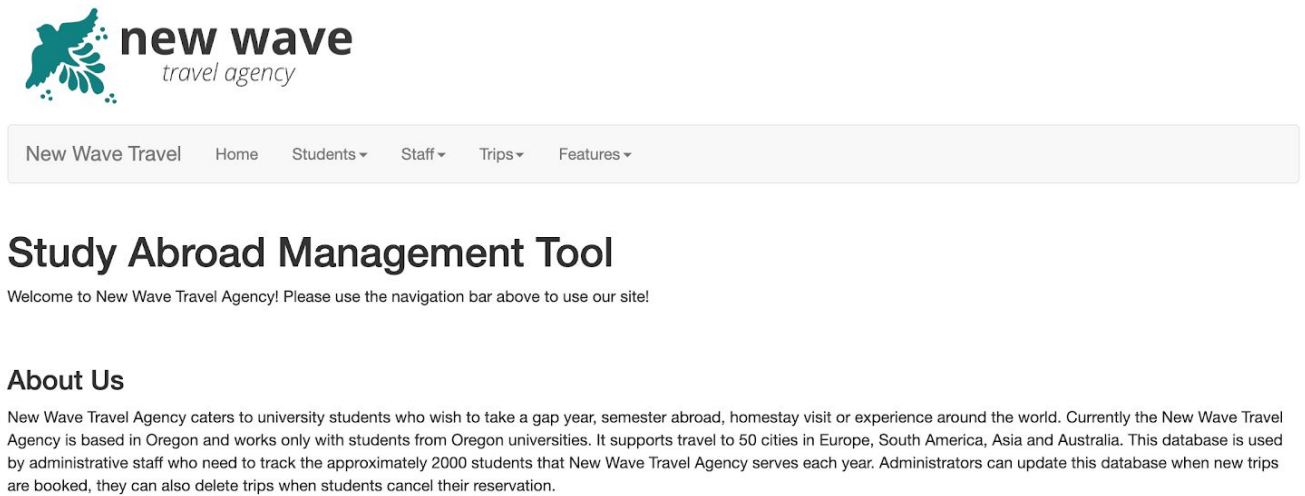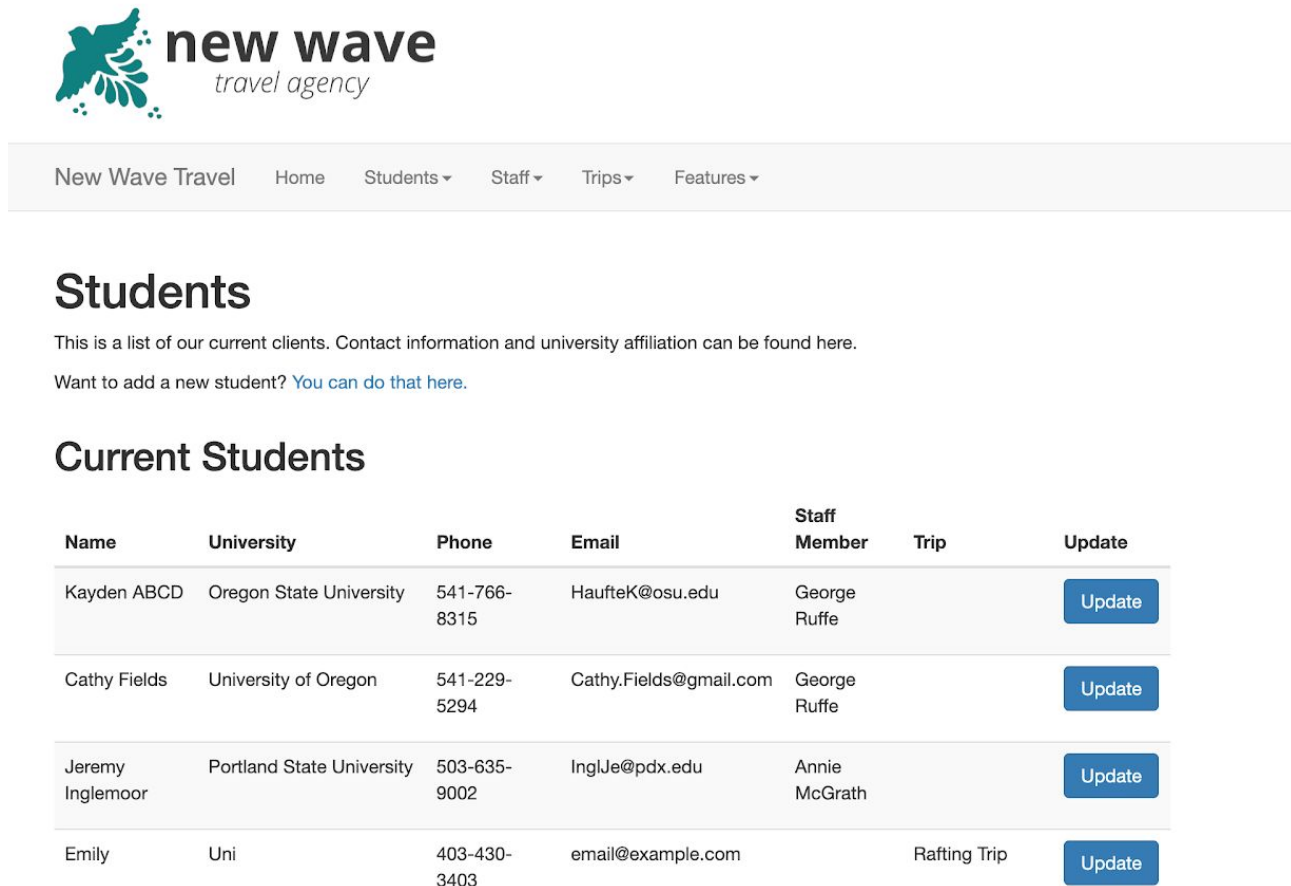
ENTITY-RELATIONSHIP DIAGRAM (ERD)

Staff	Students	Trips	Features
*staffID	*studentID	*tripID	*featureID

SCHEMA

Students

studentID	name	university	phone	email	trip	staff

Trips

tripID	name	city	country	startDate	endDate	price

Trip_Features

tripID	featureID

Features

featureID	name

Staff

staffID	name	phone	email	type

UI SCREENSHOTS

1) The home/index page of our site. Has navigation to all other parts of our site.

Study Abroad Management Tool

Welcome to New Wave Travel Agency! Please use the navigation bar above to use our site!

About Us

New Wave Travel Agency caters to university students who wish to take a gap year, semester abroad, homestay visit or experience around the world. Currently the New Wave Travel Agency is based in Oregon and works only with students from Oregon universities. It supports travel to 50 cities in Europe, South America, Asia and Australia. This database is used by administrative staff who need to track the approximately 2000 students that New Wave Travel Agency serves each year. Administrators can update this database when new trips are booked, they can also delete trips when students cancel their reservation.

2) Our all students page. READ/BROWSE/DISPLAY all students in our database.

Students

This is a list of our current clients. Contact information and university affiliation can be found here.

Want to add a new student? You can do that here.

Current Students

Name	University	Phone	Email	Staff Member	Trip	Update
Kayden ABCD	Oregon State University	541-766-8315	HaufteK@osu.edu	George Ruffe		Update
Cathy Fields	University of Oregon	541-229-5294	Cathy.Fields@gmail.com	George Ruffe		Update
Jeremy Inglemoor	Portland State University	503-635-9002	InglJe@pdx.edu	Annie McGrath		Update
Emily	Uni	403-430-3403	email@example.com		Rafting Trip	Update

3) Our update/customize student page. EDIT/UPDATE the selected student in the database.

4) Our add new student page. CREATE/INSERT/ADD NEW student into the database.

5) Our all staff page. READ/BROWSE/DISPLAY all staff members in our database.

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New Wave Travel   Home   Students ▾   Staff ▾   Trips ▾   Features ▾

Staff

This is our staff directory. Here you can find the contact information for our staff members.

Want to add a new staff member to our directory? You can add new staff member information here.

Staff Directory

Name	Phone	Email	Role
Annie McGrath	503-228-9456	mcgrathA@newwaveagency.com	Travel Agent
George Ruffe	503-228-4537	ruffeG@newwaveagency.com	Student Counselor
Dolores Stevens	503-228-1609	stevensD@newwaveagency.com	Administrator
Jamie	123-123-1234	email@email.com	Trip Leader
2	2	2	2
test	name	123@a.com	role
James	3333333	safdgasf@gmail.com	cheff

6) Our add staff page. CREATE/INSERT/ADD NEW staff member into the database.

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New Wave Travel   Home   Students ▾   Staff ▾   Trips ▾   Features ▾

Add Staff

Add a new staff member.

Name*   Phone*   Email*   Role*

[Add]

7) Our all trips page. READ/BROWSE/DISPLAY all trips in our database, can also DELETE a trip from our database through this page. Can SEARCH/FILTER trips by feature on this page.

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New Wave Travel   Home   Students ▾   Staff ▾   Trips ▾   Features ▾

Trips

Welcome to the trips portal! See what trips are upcoming and filter by feature.

Want to add a new trip? Add a new trip here.

Filter by Feature

☐ Homestay

[Filter]

Reset

Title	City	Country	Price	Start Date	End Date	Features	Actions
Poland Ice Adventure	Poland City	Poland	$300	03/19/5000	03/21/5000		Delete Update
Rafting Trip	Deschutes River	United States	$346	07/06/2020	08/09/2020		Delete Update

8) Our update trip page. Can EDIT/UPDATE a trip in our database. By unchecking Features this also allows the user to DELETE from the Trip_Features intersection table.

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New Wave Travel   Home   Students ▾   Staff ▾   Trips ▾   Features ▾

Edit Trip

| Poland Ice Adventure | Poland City | Poland |

| $ | 300 | .00 | | 03/19/5000 | | 03/21/5000 |

Start Date*   End Date*

Features

☐ Homestay

Available Students

☐ Kayden ABCD
☐ Cathy Fields
☐ Jeremy Inglemoor
☐ Jamie
☐ Jamie
☐ 23
☐ Kasha
☐ Kasha
☐ asdfasdfasd
☐ Ralphie

9) Our add trip page. CREATE/INSERT/ADD a new trip in our database.

10) Our all features page. READ/BROWSE/DISPLAY all features in our database. Can also DELETE a feature from our database using this page.

11) Our add feature page. CREATE/INSERT/ADD NEW feature into our database.

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New Wave Travel   Home   Students ▾   Staff ▾   Trips ▾   Features ▾

Add Feature

Add a new feature below.

Feature Title*

Trips With This Feature

☐ Poland Ice Adventure
☐ Rafting Trip

Add