# Test plan

**Story 1 tests:**

<u>Feature/Function Name:</u> Display colleges

<u>Result:</u> Pass

<u>Tested By:</u> Awf

<u>Comments:</u>

Desk check that all of the colleges are displayed.

Desk check that all of the distances from saddleback college are correct

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**Story 2 tests:**

<u>Feature/Function Name:</u> Create login

<u>Result:</u> Pass

<u>Tested By:</u> Awf

<u>Comments:</u>

Black box admin login key


**Story 3 tests:**

<u>Feature/Function Name:</u> automatically have a trip planned out from UCI to the 13 closest universities

<u>Result:</u> Pass

<u>Tested By:</u> Awf

<u>Comments:</u>

- Black box test the data to ensure that each of the universities displays the actual closest universities to UCI
- Black box test to ensure that it only displays the 13 closest universities
- Click the button multiple times to ensure that the data doesn't change (unless you manually add a new college that is closer than the others)
- Check that the data does in fact change if you add a college that is closer than the others

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**Story 4 tests:**

<u>Feature/Function Name:</u> custom trip

<u>Result:</u> Pass

<u>Tested By:</u> Behrad

<u>Comments:</u>

- Desk check that the trip only has the universities that were selected by the student
- Desk check that the trip follows the most efficient route

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**Story 5 tests:**

Feature/Function Name: automatically made itinerary from ASU with any given number of stops

Result: Pass

Tested By: Behrad

Comments:
- Desk check that the most efficient route for any given trip
- Desk check that there are only the number of universities on the itinerary that were selected when the student made the plan
- Desk check that the data changes if you add a university closer to any other given university to ASU (or any corresponding university later on the itinerary)

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**Story 6 tests:**

Feature/Function Name:Be able to purchase items

Result: Pass

Tested By: Amin

Comments:
- Desk check the button that allows students to make a purchase
- Ensure that each trip planning mode has the functionality to allow students to make purchases.
- Ensure that any invalid purchases are not added to the database and that an error message is displayed if a student tries to add an invalid purchase.

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**Story 7 tests:**

Feature/Function Name: add or delete colleges

Result: Pass

Tested By: Amin

Comments:
- Desk check that the information changed saves to the database
- Ensure that the corresponding information changes in all trip planning modes
- Ensure that the college edits affect the university pages

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**Story 8 tests:**

Feature/Function Name: Edit Souvenirs

Result: Pass

Tested By: Amin

Comments:

- Desk check the add/delete/edit souvenirs button
- Test that a user cannot input a character or a string for a price
- Test that a user cannot put in an extremely large number or a negative number for a price.
- Ensure that the corresponding information changes in all trip planning modes
- Ensure that the souvenir edits do *not affect the total purchases page

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**Story 9 tests:**

Feature/Function Name: display total amount spent

Result: Pass

Tested By: Meredith

Comments:
- Desk check the total amounts per university
- Desk check the total amounts for all universities

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**Story 10 tests:**

Feature/Function Name: total distance

Result: Pass

Tested By: Meredith

Comments:
- Desk check the total distance traveled in miles.