

Test Plan - Team 7

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1. As a user, I would like to be able to create an account using my Google credentials.
 - Account Management 01, Create Account, **Severity 1**
 - Clicks “login with Google” and uses valid credentials to login
 - Profile information (name, location) pulled from Google
 - Account Management 02, Create Account invalid credentials, **Severity 1**
 - Clicks “login with Google” and uses invalid credentials to login
 - Popup displays with “invalid login credentials”
 - Account Management 03, Create Account empty credentials, **Severity 1**
 - Clicks “login with Google” and submits empty login credentials
 - Popup displays with “no login credentials given/login cannot be empty”
2. As a user, I would like to be able to login and manage my account using my Google credentials.
 - Account Management 04, Change name, **Severity 3**
 - Type in new name, click submit
 - New name shows up
 - Account Management 05, Change bio, **Severity 3**
 - Type in new bio, click submit
 - New name shows up
 - Account Management 06, Delete account, **Severity 3**
 - Clicks on delete account
 - User info deleted from database. On login, all user data is gone.
 - Account Management 07, Logout, **Severity 1**
 - Clicks on logout button
 - Logged out of account
 - Account Management 08, Create a new account after deleting old account, **Severity 1**

- User clicks on create account and uses valid credentials to log in
 - User should be set up with a completely new account
3. As a user, I would like to view my trip history.
- Trip History 01, Trip History page appears, **Severity 1**
 - Click button to “view trip history”
 - Trip history appears

 - Trip History 02, Completed trip history is shown **Severity 1**
 - Click button to view completed trips
 - Completed trips appear

 - Trip History 03, Zero trip history, **Severity 1**
 - Click button to view trip history
 - No trips appear
4. As a user, I would like to be able to filter through my past trip history.
- Search Bar 01, Valid input in searches, **Severity 1**
 - Type keyword in search bar
 - Search results are filtered so that keyword and are shown to the user

 - Search Bar 02, Empty input in searches, **Severity 1**
 - Nothing is being typed into the search bar
 - The page should stay the same and nothing should be filtered
5. As a user, I would like to favorite previous trips.
- Favorites 01, Favorite a trip, **Severity 1**
 - View trip history, Click button to “favorite a trip”
 - Trip appears under “favorites”

 - Favorites 02, Unfavorite a trip, **Severity 1**
 - View favorite trips, Deselect button to disfavorite a trip
 - Trip does not appear under “favorites”
6. As a user, I would like to pin locations on a map in order to specify each location I would like to go.
- Map 01, Pin shows up on a map, **Severity 1**
 - Click on a location
 - Pin is placed on the appropriate location
7. As a user, I would like to specify coordinates of each location I would like to go.
- Map 02, Coordinates plot to location, **Severity 2**
 - Enter coordinates
 - Pin is placed on map at coordinates

- Map 03, All coordinates accepted, **Severity 2**
 - Input range of all accepted latitude and longitude
 - Pin is placed on map at coordinates

 - Map 04, Bad latitude, **Severity 1**
 - Bad latitude is inputted
 - Popup appears saying bad latitude inputted

 - Map 05, Bad longitude, **Severity 1**
 - Bad longitude is inputted
 - Popup appears saying bad longitude inputted
8. As a user, I would like to search by name to specify each location I would like to go.
- Search bar 03, Valid input, **Severity 1**
 - Type location in search bar
 - Show location

 - Search bar 04, Invalid input, **Severity 1**
 - Type numbers in search bar
 - Popup shows that says invalid search criteria
9. As a user, I would like to have the ability to choose how long to stay at each location.
- Length of stay 01, Zero days entered, **Severity 1**
 - Enter zero
 - No price/options for staying for those days shows up

 - Length of stay 02, Negative numbers entered, **Severity 1**
 - Enter negative number
 - No price/options for staying for those days shows up

 - Length of stay 03, Nothing entered into field, **Severity 1**
 - Enter nothing
 - No price/options for staying for those days shows up
10. As a user, I would like to choose my preferred mode of transportation.
- Transportation 01, Selecting mode of transportation works, **Severity 1**
 - Input selected mode of transportation
 - Mode of transportation is recorded and used in form

 - Transportation 02, Select different modes of transportation, **Severity 1**
 - Select different modes of transportation (plane, walk, car, rail)

- Mode of transportation is recorded and used in form
 - Transportation 03, Not selecting a mode of transportation, **Severity 1**
 - No mode of transportation is selected
 - Popup appears saying that no mode of transportation is selected
11. As a user, I would like to see nearby tourist attractions.
- Tourist 01, See tourist attractions, **Severity 2**
 - Input location
 - See attractions for location
 - Tourist 02, Invalid input, **Severity 2**
 - Enter invalid input (numbers)
 - Popup appears saying invalid input
 - Tourist 03, Empty input, **Severity 1**
 - Enter empty input
 - Popup appears saying empty input
12. As a user, I would like to specify how many people I am traveling with.
- Travel Companions 01, Less than 1 or greater than 9 companions entered, **Severity 2**
 - Enter value
 - Error shows saying that traveling with negative people is not valid
 - Travel Companions 02, Non-whole numbers entered, **Severity 2**
 - Enter a non-whole number
 - Error saying that it is invalid input
 - Travel Companions 03, Enter 1-9 companions, **Severity 2**
 - Enter a whole number 1 - 9
 - Show the price results as a total for that amount of people traveling
 - Travel Companions 04, Enter a value, **Severity 2**
 - Enter a number
 - Show the price total based on the number entered
13. As a user, I would like to choose to have a time efficient or cost efficient trip.
- Efficiency 01, No option, **Severity 1**
 - No option is selected
 - Results displayed are based off of the default option of a cost efficient trip

- Efficiency 02, Time efficient option, **Severity 1**
 - Time efficient option is selected
 - Results displayed are based off time efficient

 - Efficiency 03, Cost efficient option, **Severity 1**
 - Cost efficient option is selected
 - Results displayed are based off cost efficient
14. As a user, I would like to see the price of my trip categorized into their individual components.
- Categorize Prices 01, Show options for breakdown, **Severity 3**
 - Select a category for price breakdown
 - Display a breakdown of the prices

 - Categorize Prices 02, Selecting different options, **Severity 3**
 - Select categories
 - Display each breakdown according to the category selected

 - Categorize Prices 03, Selecting no category, **Severity 2**
 - Select no category
 - Show prices without any breakdown into prices
15. As a user, I would like to be able to share my trips with others.
- Sharing 01, Click share, **Severity 3**
 - Asks for confirmation
 - Shows share confirmation
16. As a user, I would like to be able to name my trips.
- Trip Information 01, Trip names, **Severity 3**
 - Input trip name, click save
 - Trip name should appear when page is reloaded

 - Trip Information 02, Trip name invalid, **Severity 3**
 - Input invalid name (e.g. blank), click save
 - Prevent saving and display “invalid input” message
17. As a user, I would like to be able to reuse past trip information.
- Trip Information 03, Copy past trip, **Severity 2**
 - Click copy button
 - New form appears with proper information automatically filled out
18. As a user, I would like to be able to filter my location, transportation, and accomodation searches.
- Idea Generation 01, Specify filter inputs, **Severity 3**

- Select submit
- Display filtered results

- Idea Generation 02, Specify inputs: location, transportation, accommodation, **Severity 2**
- Enter location, transportation, accommodation
- Display proper result depending on input selected

- Idea Generation 03, No input specified, **Severity 3**
- Do not select an input
- Show all options

19. As a user, I would like to see trip ideas.

- Idea Generation 04, Select trip ideas, **Severity 3**
- Select option to see trip ideas
- Display results

20. As a user, I would like to be able to reroute my trip.

- Trip 01, Edit current trip - add location, **Severity 2**
- Input new location
- Show the new trip with the new location

- Trip 02, Edit current trip - remove location, **Severity 2**
- Delete a location
- Show the new trip without the removed location

- Trip 03, Edit current trip - all locations removed, **Severity 2**
- Delete locations so that there are none left for the trip
- Popup display which says that there is no trip to show