

## System and Unit Test Report

Product Name: Datalitics

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System Test Scenarios:

Sprint 4:

1. As a product owner, I would like to have a whole product put together.
  - a. Branch merges completed (but not completely functional)
2. As a user, I would like to see text explanations
  - a. World
    - i. Legend shows scaling colors
    - ii. Clicking on begin button should demonstrate changes in the display
    - iii. Clicking on country should display population count
  - b. California
    - i. Clicking on a county should display the county name
    - ii. Clicking on county should display one circle per demographic
    - iii. There should be a label on each county (Incomplete)
    - iv. There is a table with representative counts and labels
  - c. USA
    - i. Slider should change the year being visualized

Sprint 3:

1. As a user, I would like to have an aesthetically pleasing opening page
  - a. Open home page
  - b. Black box testing with uploading various file types and selecting all combinations of options
  - c. Does it look pretty? (yes)
2. As a user, I would like to visualize my data in compacted form.
  - a. Show visualization to peers
  - b. Input different sets of data to insure it was being displayed properly
  - c. Can they understand what is going on with minimal explanation? (Yes)
3. As a sponsor I would like see abstract easy to follow code
  - a. Share repo with sponsor
  - b. Receive feedback

Sprint 2:

1. As a user I would like to see a map of the US / California
  - a. Open us.html and cali.html
  - b. Observe that the map exists

2. As a user I would like to see fields that are being correlated to the map
  - a. Open a .html file
  - b. Inspect element
  - c. See that inside the HTML files, data (such as population) is bound to various fields
3. As a collaborator I would like to see meaningful data visualization for litter in local beaches
  - a. Unfinished
4. As a User I would like to have visualizations by the team be available online somewhere
  - a. Unfinished

Sprint 1:

1. As a consumer, I want to see dynamic graphical representations of data that is visually appealing
  - a. World
    - i. Open world.html
    - ii. Observe color scaling.
    - iii. Click play button.
    - iv. Watch colors change over time as a representation of data changing over years.
2. As a consumer, I would like to upload CSV, JSON files
  - a. Unfinished
3. As a consumer, I would like to have the option between uploading a file or input into a text box
  - a. Unfinished
4. As a consumer I would like to have a simple, and easy to navigate homepage
  - a. Open index.html
  - b. Does it look nice? (Sorta)