# Comic Strip API

## System Test Procedure

1. Scenario 1 (requirements 1, 2, 4)
    a. Go to test frontend of api
    b. Enter “dilbert” for the comic and 10/30/2020 for the date.
    c. Choose GET from the dropdown for the type of request
    d. Display the response values.
    e. Test that the values returned are correct by validating them against the dilbert site for the date specified in the date box

2. Scenario 2 (requirements 1, 2, 4)
    a. Go to test frontend of api
    b. Enter “dilbert” for the comic and 10/30/2020 for the date.
    c. Choose POST from the dropdown for the type of request
    d. Display the response values.
    e. Test that the values returned are correct by validating them against the dilbert site for the date specified in the date box

3. Scenario 3 (requirements 1, 3 and 4)
    a. Go to test frontend of api
    b. Enter “dilbert” for the site and no date
    c. Choose GET from the dropdown for the type of request
    d. Display the response values
    e. Test that the values match the dilbert site for today’s date

4. Scenario 4 (requirement 5)
    a. Go to test frontend of api
    b. Make a valid request and test that the response contains all the proper fields as specified in the requirements

5. Scenario 5 (requirement 6.c)
    a. Go to test frontend of api
    b. Enter gibberish for the comic name
    c. Test that the api returns a 400 response code

6. Scenario 6 (requirement 6.a)
    a. Go to test frontend of api
    b. Enter dilbert for the comic and gibberish for the date
    c. Test that api returns a 404 code

7. Scenario 7 (requirement 6.b) (this cannot be tested from the frontend because I don’t know where I can find a comic webpage with malformed html)
    a. Run a unit test to throw some malformed html at the parser
    b. Api returns 500 error