Requirements

1. Allowed API request values of a comic name and date both strings
2. GET or POST requests
3. If no date in the request, the API will use the current date
4. Frontend must allow user to enter the allowed values and display the resulting response
5. Response from the API will include comic strip name, comic strip url, title, date, tags, alt text (if exists), possibly transcript where there is one.
6. If code cannot find the desired page, notify user with appropriate error in response
   a. 404 if can't find the page
   b. 500 if something failed to parse and threw an error
   c. 400 if comic settings not in code
   d. 401 if the token used as part of the request is invalid
7. Code written in testable way
8. Code written in a way to make it easy for others to extend

Use Cases

1. The user requests a comic with a date. The API finds the appropriate page, parses it, retrieves the desired values and returns them to the User in the form of a json object.

2. The user requests a comic with a date. The API does not find the page and returns a 404 error.

3. The user requests a comic with no date. The API uses the current date and finds the comic and returns the result same as #1.

4. The user requests a comic with no date. The API uses the current date and does not find the page and does the same as #2.

5. The user requests a comic. The API does not have the information to retrieve that comic and returns a 400 error.

6. The user requests a comic. The authentication token used is invalid, the server returns a 401 error.