Test Plan & Report
SmartTick
June 6, 2025

System Test Scenarios:

A) User Story 1.1: As a user I want to be able to see information about a particular stock.

B) User Story 1.2: As a user I want a table that shows recent politicians' trades so I can see all the relevant trading information in one place.

C) User Story 2.1: As a user I want to see analysis of a stock so I can make more accurate assessments of a stock's value and make better trading decisions

D) User Story 2.2: As a user I want to see which politicians recently traded a particular stock.

E) User Story 3.1: As a user I want to be able to see more information about the company when I click on their stock so that I can decide if I want to invest in this stock.

F) User Story 3.2: As a user I want to see a graph feed of a stock when I click on it so I can better judge its performance.

G) User Story 3.3: As a user I want to be able to click on a politicians' face and see a page displaying their profile.

H) User Story 3.4: As a user I want to be able to filter tables by criteria

I) User Story 4.1: As a user I want to see a leaderboard of most frequent spending and most frequent trading politicians.

Scenario 1: Table for recent politician trades (Pass)

1. Start SmartTick web app; user lands on the "Home" page
2. User should see and be able to interact with the recent trades table

Scenario 2: Filtering (Pass)

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1. User can click any of the header filter icons to choose filtering options in the recent trades table
2. User can click on the metric leaderboards' metric filtering option to filter by desired metric

Scenario 3: Home View Leaderboards (Pass)

1. User can scroll down in "Home" view
2. User should see and be able to interact with two leaderboards, one for stocks and one for politicians

Scenario 4: Displaying politician profile (Pass)

1. In "Home" view, user should see the name and picture of politicians in the recent trades table
2. User can click on either the name or picture of the politician that then takes you to "Congress" view
3. User should see relevant information about a politician

Scenario 5: Stock information (Pass)

1. Start SmartTick web app; select "Stock" view
2. User should see a search bar for stock/ticker input
3. User can input a stock/ticker symbol and press enter to see information about that stock
   - After pressing enter, user should see the stock profile with some relevant information
   - In this "Stock" view, use should see an "accordion" based UI with a list of headers stacked on top of each other
   - User can click on the "Historical Price Chart" header for a graph feed of the stock

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- User can click on the "Technical & Sentiment Analysis" header for a deeper analysis of the searched stock
- User can click on the "Recent Politician Trades" or "Politician Monthly Trade Summary" to see what politicians have recently traded that particular stock
- User can click on the "Financial Information Summary" to see additional information of the searched stock

Relevant Directories:

- /backend/tests/
- /frontend/src/tests/integration/
- frontend/src/tests/unit