

## Mock Twitter Project

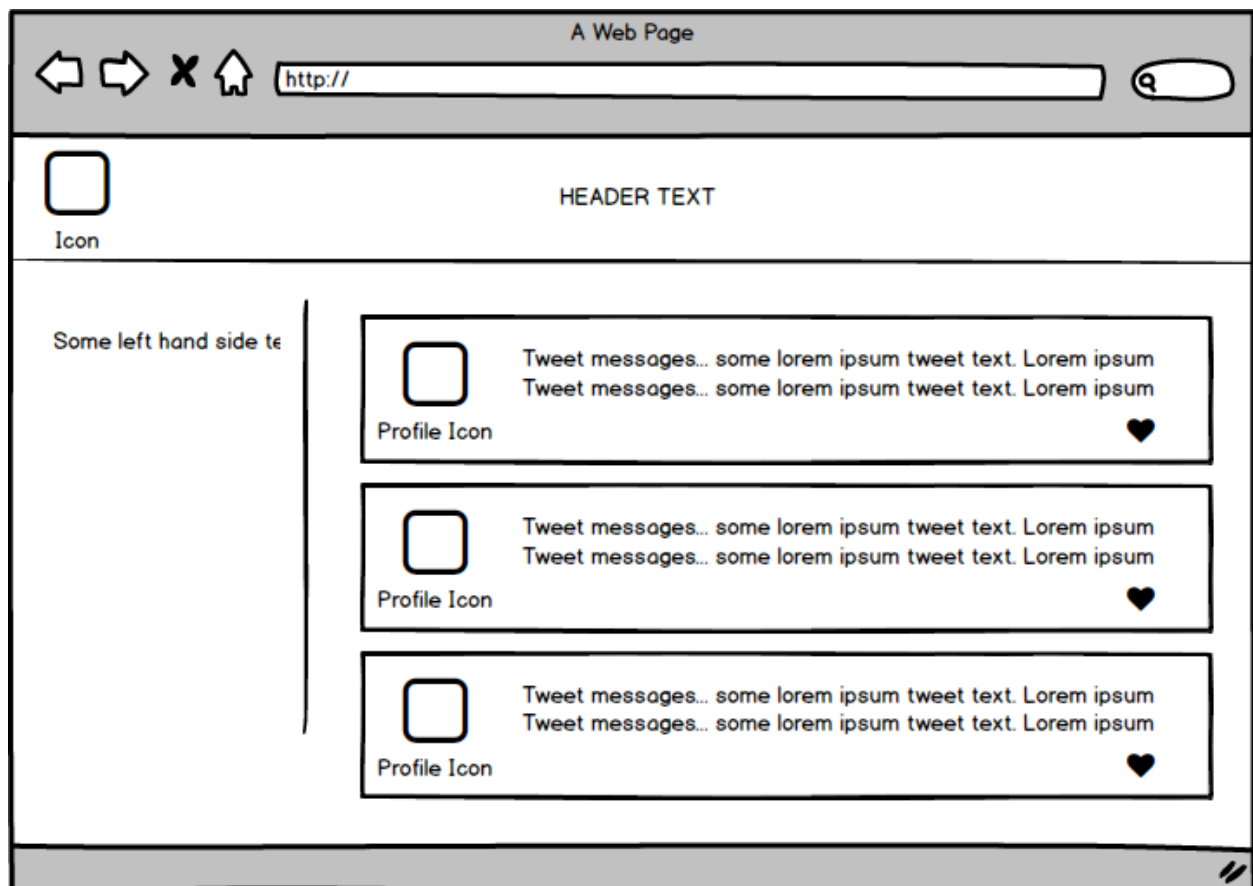
### Aim:

To create a sample webpage with a list of tweets and each tweet can be “liked” or “unliked” by clicking an icon.

### UI:

The UI of the project is quite simple with

1. Header – Has an icon on the left and a heading centered
2. Left hand side – That is 30% of the overall width and contains sample text
3. Right hand side (Main text) – That houses the list of tweets from a database
4. Each tweet should have
  - a. a profile pic on the leftmost corner
  - b. some sample tweet text
  - c. heart icon which can turn red/gray when clicked



**User experience:**

- The layout should be responsive and usage of industry standard layout libraries is a must (bootstrap, material etc)
- Appropriate paddings and margins
- The heart icon should behave like a “like” button. It’s default display is gray, but should turn red when clicked to signify “liked” and turns gray on clicking again signifying “unliked”

**Technology:**

- Should use any one of the frontend frameworks like Angular, React, Django etc
- Data should reside in a backend db (SQL, MySQL, Mongo etc)
- Tweets should be fetched real-time from the db
- When a tweet is liked or unliked, the status should be updated in the backend db
- The “like” and “unlike” functionality should be designed as an API and should be triggered through API calls
- Fetching of tweets must be done through API calls only

**Time to complete:**

Total time is 3 to 4 hours. The test will NOT be evaluated on the completeness rather on how well the requirements were understood and the strategy to complete the most important parts of the project first. At the end of the test, you would have to create a presentation on

- How did you plan on creating the components required?
- Design of the APIs and db
- Choice of technology
- Where were you stuck and how did you overcome it?
- Instructions on how to run the codebase (Attach the zipped codebase)