

Using Sketchpad

Go to this link: [here](#)

Bas khelo!

Plan

Front End

- Refer the sketches
 - Coloring and stuffs are upto you
 - Should have the basic functionality
-

For /profile page:

Case 1: User opens his own profile page:

- 3 parts
 - His picture and name and edit profile button on top
 - His other details (place, dob, phone, email, followers, following, etc) in the middle
 - His actions (tweets / comments / likes at the bottom)
- The second and third part must be scrollable (just that it doesnot occupy the entire space)
- In the bottom pane, create 3 columns:
 - 1st column for tweets user has made
 - 2nd column for comments user has made
 - 3rd col for posts on which likes were given

Case 2: User opens other person's profile page:

- Layout will be similar to the previous description
 - Except that, instead of Edit Profile button, there will be a Follow button
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For /tweet page:

Very minimal page

- Main part is the text box
 - Then a button to upload image
 - Then a button to add tags
 - Then a button to post it
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For /comment page:

Another minimal page

2 panes exist - the top and bottom

- Top pane will hold the tweet content to which we will be commenting
- Bottom pane will hold the similar layout of the `/tweet` page
- Except, you will be commenting here

For /home page:

This is by far the most complicated one!

Refer to the image. But that is a later one.

For now, try to implement these:

- Main feed area. Should display the tweet cards with these details:
 - Username of who posted
 - time of posting
 - content of the tweet
 - `Like` button
 - Comment box (let it be a button for now)
 - Clicking this comment button will direct the user to the `/comment` page
- Right Column, showing a metadata about the user
- And a button for `Tweet` - Composing a new tweet
 - clicking this will direct the user to a `/tweet` page
- **Ignore** the suggestion cards for now
- **Ignore** the top search bar (let it be there, but let it do nothing!)
- The top right options bar should have : edit profile, logout options
- The top bar should have button for `Find new people`
- The real challenge:
 - Reloading the feed and not to exhaust the feed with huge data.

Back End

The GET routes:

- /
 - shown when user visits page without login
 - will ask the user to login / register
- /home
 - shown once the user logs in / registers
 - will have the feed, profile metadata, etc
 - should appropriately query the data and send it to the FE
- /profile
 - should query the user data to the FE
 - that includes :
 - basic personal data
 - metadata of tweets made
 - metadata of comments made

- metadata of tweets to which likes were given
 - /login
 - Just send the page
 - no data sent
 - if error is detected, report it
 - /register
 - Same. Just send the page
 - /tweet
 - Just send the page
 - /comment
 - Send the page
 - But also display the tweet data on which the comment is to be made
 - Not found 4xx or 5xx
 - Sent whenever something else is requested by the user
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The POST routes:

- /tweet
 - get user tweet
 - **Disable** image upload for now
 - Take only text tweets
 - once posted, redirect to home page, **with their tweet as the most recent one**
 - /comment
 - get user comment
 - **Disable** image upload for now
 - Take only text comment
 - once posted, redirect to home page, **with their commented tweet as the most recent one**
 - /register
 - get the user details
 - report errors, if any
 - direct to home page, if successful
 - /login
 - just get username and password
 - report error, if any
 - direct to home page, if successful
 - /profile
 - Shown when user wants to edit details
 - Get details
 - Save to DB
 - Acknowledge back
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Tech Leads

Who does what? (Both FE and BE - with all GET and POST routes too!)

Sourabha

- ``/profile`` page
 - ``/tweet`` page
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Aneri

- ``/comment`` page
 - ``/`` page (a default welcome page, telling about us - the founders - and the mission of the app (*cough*.. *cough*.. :P))
 - ``/`` page will have the option to login or register too
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Sandeep

- ``/login`` page
 - ``/register`` page
 - ``/not found`` page
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The Boss Challenge! - Home Page

- Top panel - **Sandeep**
 - Middle Feed panel - **Sourabha**
 - Bottom User metadata and Suggestions panel - **Aneri**
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Resources

- [Simple Full Stack weather app](#)