

Indian-Tech-Support Design Document

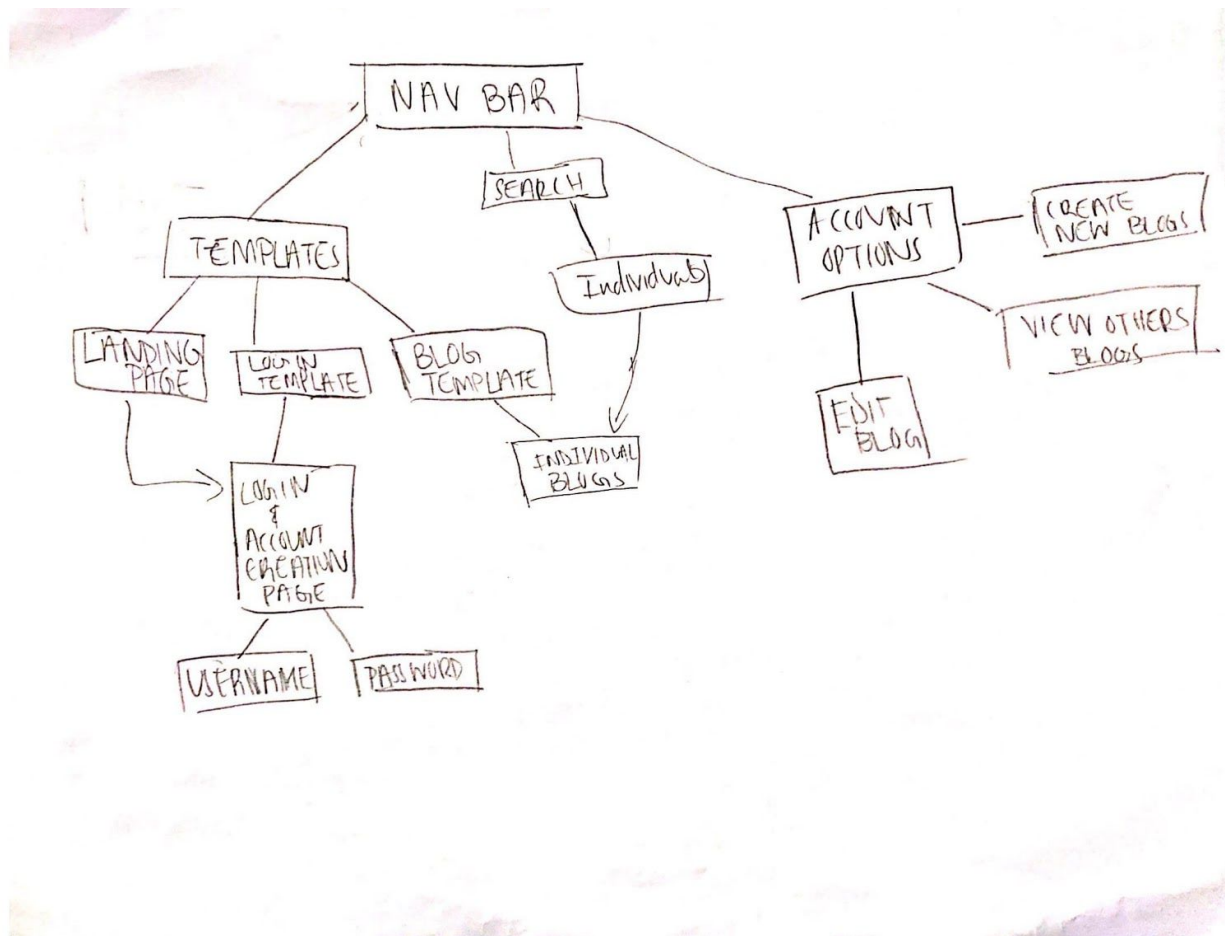
Roster: Adil Gondal, Shafali Gupta, Ahnaf Hasan, Puneet Johal

Project: Web Log Hosting Site

Program Components

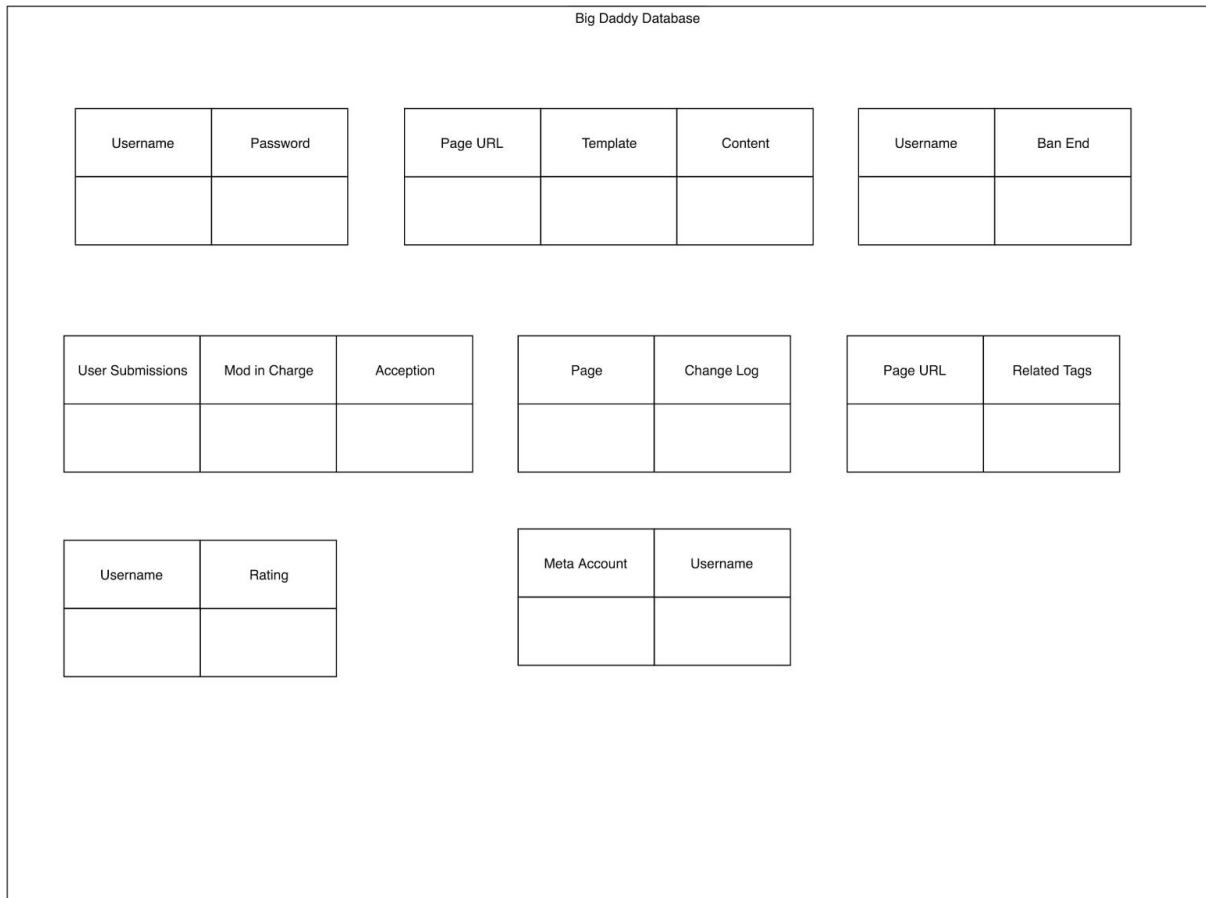
- Landing Page
- Template for individual blogs
- Account
 - Creation
 - Unique username
 - Password
 - Account needed to access certain post functionality
 - Administrative/moderator accounts
 - Can review and delete flagged posts
 - Can ban users
- Posts
 - Ability to view other people's blogs and posts regardless of whether you are signed in or not
 - Ability to make posts on your own account
 - Ability to edit posts on your own account
 - Extra: you can choose to set public/logged in/private visibility of posts
 - Extra: feature to flag/report sensitive posts to moderators
 - Extra: rating (binary style)
- Linking between the pages
 - Navbar provides access between pages
 - Link to home
 - Link to account/settings
 - Search bar
- Searching functionality allows people to search up certain blogs based on the username
 - Extra: search bar shows you blogs based on their tags

Component Map



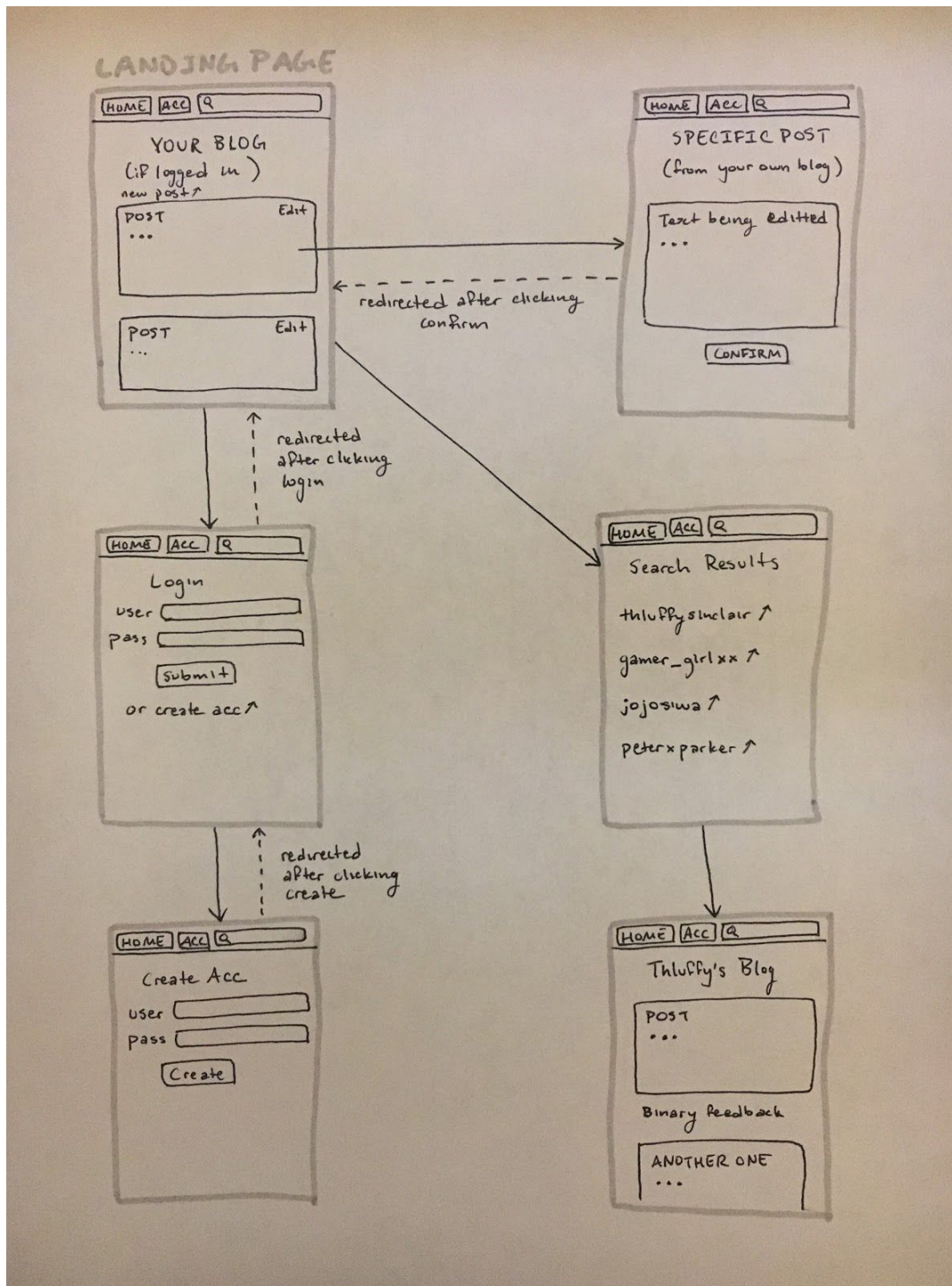
- The navigation bar will essentially connect all parts of the website. There will be three main components: templates for the different parts of the site, a search bar, and options for account management.
 - Templates: Implemented on back end for landing page, login for users, and blog pages
 - The login template will allow for account creation using username and password
 - The search bar will allow users to be searched up by their username so that their list of blogs can be shown
 - The account options will have access for regular users as well as administrators
 - Admins will be able to ban users and see a list of banned users
 - Once logged in regular users will be able to create new blogs and edit old blogs
 - There will also be options to rate blog posts

Database Schema



- Tables that are in database necessary to core functionality:
 - Username/Password: Stores username and password pairs for login verification
 - Page URL/Template/Content: Matches the formatting of the page to its URL and content for generating individual blogs
- Tables in database used for extra features:
 - Username/Ban End Time: Stores banned users and the time when their ban is to be lifted, if any
 - User Submissions/Moderator in Charge/Acception: Stores posts that have been flagged for moderator review
 - Page/Changelog: Stores info for the user to be able to restore previous versions
 - Page URL/Related Tags: Tags for blog
 - Username/Rating: usernames and the user's overall rating
 - Meta Account/Username: stores meta account info

Site Map



- Shows the links between each different kind of page on the site
 - Note that most pages can access the others through the navbar, aside from the blog pages of individual users

- Shows where you would be redirected to after inputting a valid response to the prompts on the pages and clicking a button to submit a form

Task Delegation

Adil:

- Landing Page
- Work on templates

Shafali:

- Navigation Bar
- Account creation

Ahnaf:

- Banning users
- Rating users/posts
- Meta account abilities

Puneet:

- Project manager
- Assistance with templates and accounts