

Blog Site

User type and role

- Two major user: Reader and Writer
- Reader can read any blog without login but Writer can not write a new blog without login

Rules

- username -> it only contains alphanumeric and only and username should not start with a number
- email -> min length is 10, ends with '@prominentpixel.com', dont start with any special char
- full name -> Only contains Alphabets
- password -> must have capital, small and special char and also a number
- confirm password -> must match with the password field
- **Validation Requirements**
- Any fields from blog fields should not be empty
- header and footer must be on every page

Sign up page (reactive form)

- full name
- email
- desired username
- password
- confirm password
- Sign Up button (make all validation for this form)
- link already have account? (jump to login page)

● actions

- on sign up go to the home page

Login page (template-driven form)

- select option for (username or email input) by default username is selected
- if selected username then the input field is username else email
- password
- Login button (validate all the field as per our rules)
- link Have not any account? (jump to sign up page)

- **actions**
- on login go to the home page

Home page

- header with a login button(if user not logged in) or username (if user logged in)
- the home page has one large button on top named "write something to make better world"(on click that button go to write blog page if user logged in else go to login page)
- list of the blog - which contains only title, author, and tags of all blogs on this home page
- footer contains contact details and links to social media

● **actions**

- if a user is not logged in do not show the name in the header, but show the login button
- on clicking log in the button of header go to the login page
- When the user clicks on any blog from the list jump to the blog details page and show the whole blog on that page

Write Blog Fields (Template-driven form)

- Title (user input)
- Description (user input)
- image
- Tags (user input) multiple - #Java #Version8 #ReactJs #HTML
It will be a select combo with checkboxes in dropdown menu, so user can select multiple tags
- Author (disabled field and automatically added name of writer)
- publish button (disable if any field is not valid)
- Publish Date (it should not be user input, it should be added automatically when user publish the blog)

• **actions**

- When user click on publishm,user must be redirected to home-page and also list should be updated with newly added data.

Blog Details Page

- Title
- Publish Date below the title of the blog post
- Image
- Description
- Author-name
- previous and next button

- **actions**
- Previous Jump to the previous blog of list
- Next Jump to next blog of list

My Blog List

- list of blogs that logged in user has written
 - every blog has an edit button & delete button
- **actions**
 - when clicking on any blog from list jump to blog detail
 - when clicking the edit on the button go to write a blog post with populated already existing blog data

Points to be notted

- When user click on the Name of the site or Logo appeared in Header then it must be redirect to the home page.
- Anywhere we use anchor tag(<a>),it should not redirect to the # or it should not append # in route-path.
- When user click on publish button then validate the all filelds and after successfull validation assign a date to the blog and when some one update or edit the blog then do not change the Publish date.

Extra features to add :

1. Give support for i18n (english,spanish,hindi).
2. Use pop-up for edit blog.
3. Use **ck-editor** instead of <textarea>.
4. Give some proper layout to web using css and bootstrap.
5. Use one external module for datepicker.
6. While in background process like fetching data or updating data or at login time, there must be masking to enrich user-experience.
7. Use any data-table(or grid) to list out blogs.
8. when user jump on blog-list page, user will only see the first five blog in list after that when user scroll down,five another blogs will be added.