APP DEVELOPMENT

GNOMIKX

GnomikX India

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GnomikX Problem Statement

Module 1

Preloader: The loading screen should display a quote, chosen from three in total, which are to be cycled through after a specific period of time. The screen should have a black background and white text for better battery performance. The GnomikX logo should be displayed for a short duration of time.

Module 2

Landing App: Landing page of the app will display the latest health-related blogs posted by the GnomikX team. On the landing page, the title of the blogs along with partial text should be shown. There should also be a filter service to filter the blogs according to their classification into four categories: All, Diabetes, Obesity, General Health. When a blog is selected, it should start with an image on top followed by the text of the blog. When we post a blog, we should be able to tag it so that the filter can work. One blog may have more than one tag.
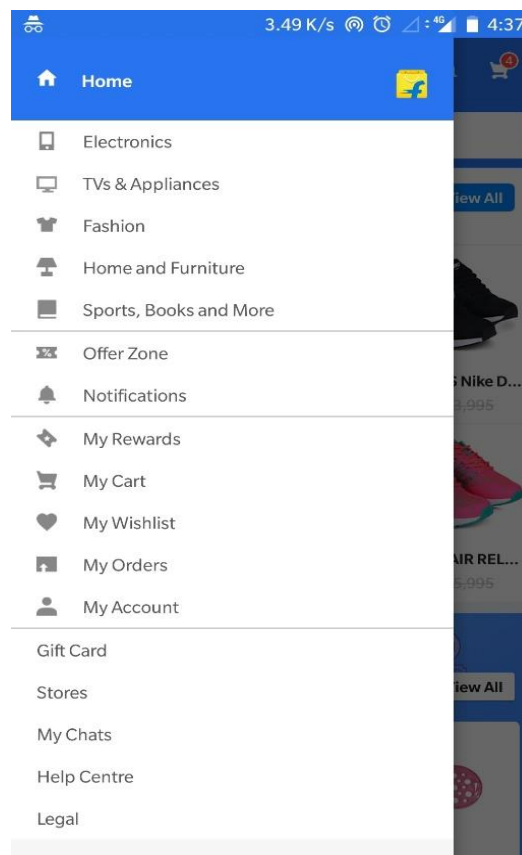
Module 3

Sliding Menu: A sliding menu should emerge from the left of app's interface and contain the following tabs:

1. **Home** (Blog Page)
2. **Sign-up/Sign-in.**
3. **Calculate BMI**: Simple BMI calculator.
4. **Genetic Tests**: On clicking this tab, it should show the tests offered by GnomikX, you need to implement for only 1 test. Basically, it'll be a poster (image), below which there will be a button "Register for this test". If the user is signed in, this button should register the user for the genetic text. If the user is not yet signed in, the button should prompt the user to sign-in with a GnomikX account or sign-up for one if the user doesn't have any. When the user signs up, take necessary information like name, email, phone no, password, etc., as input. After signing in, the user should be able to register for the test and the information should be stored in our database.

5. **Register Patients** (for doctors)**:** This tab is where the doctors will be able to register the number and names of the referrals they made. The doctors may or may not enter the names of people, therefore it should be made optional. There should be a "Submit" button in the end.
6. **Queries** (the user should be signed in to ask a query): There will be two fields: i) Title, and ii) body of the query. The query should get stored in our database.
7. **Submit Blog**: Here the user can submit a blog. Three fields would be required: i) Title, ii) Body of the blog, and iii) images (a maximum of two), if any. The user should be able to submit the blog only if he/she is signed in.
8. **My Account**: This tab contains following fields displaying data, if found, or the message "Nothing to Display" if no data is found:
   1. My Reports - reports corresponding to the user would be uploaded in the pdf format
   2. My Queries - it shows all the queries the user has asked
   3. Favorite Blogs - displays favorite blogs of the user
   4. My Blogs - displays the blogs uploaded by the user

For reference you can see the following sliding menu from Flipkart app:

Evaluation criteria for the app

1. **Smoothness:** if the app is free of glitches and programming errors and runs smoothly without any lags
2. **General representation:** The aesthetic appeal, look and the style of representation of app's contents, including the use of fonts, design and other parts of the interface
3. **Good interface:** the user-friendliness and compactness of the app's interface. A good interface is also well-organized and comprehensively displays app's features
4. **Resource-intensiveness:** the amount of battery power, memory and other phone resources the app consumes for smooth running
5. **Completeness:** the degree to which the app manages to provide and include the services and features required
6. **Services used:** the kind of services used for the development of the app, mainly if they are open-source or paid

Rewards

1. Cash prize for the winner team
2. Opportunity for work-from-home internship
3. The winning app will be adopted as the official app of GnomikX India

➢ For more information, visit our website: http://gnomikx.com
➢ And, for any queries, drop a mail to: teamgnomikx@gmail.com