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Chapter 4 System Design

4.1 User Interface(UI) Design

We planned to develop UIPFuture as a web application. This web application will use the colour of green and white as the system theme. This is because green brings quietness, trust and confidence feelings towards the web application, It brings clam feelings of renewal for the user. With the theme of white, the background of the UI would allow users to pay more attention towards the interface due to its simplicity, it brings the feeling of wholesomeness towards the whole web application. These main theme colour allows users to feel comfortable when viewing the whole interface. It is also the most suitable theme for allowing users to think calmly and read every interested research to make every decisions.

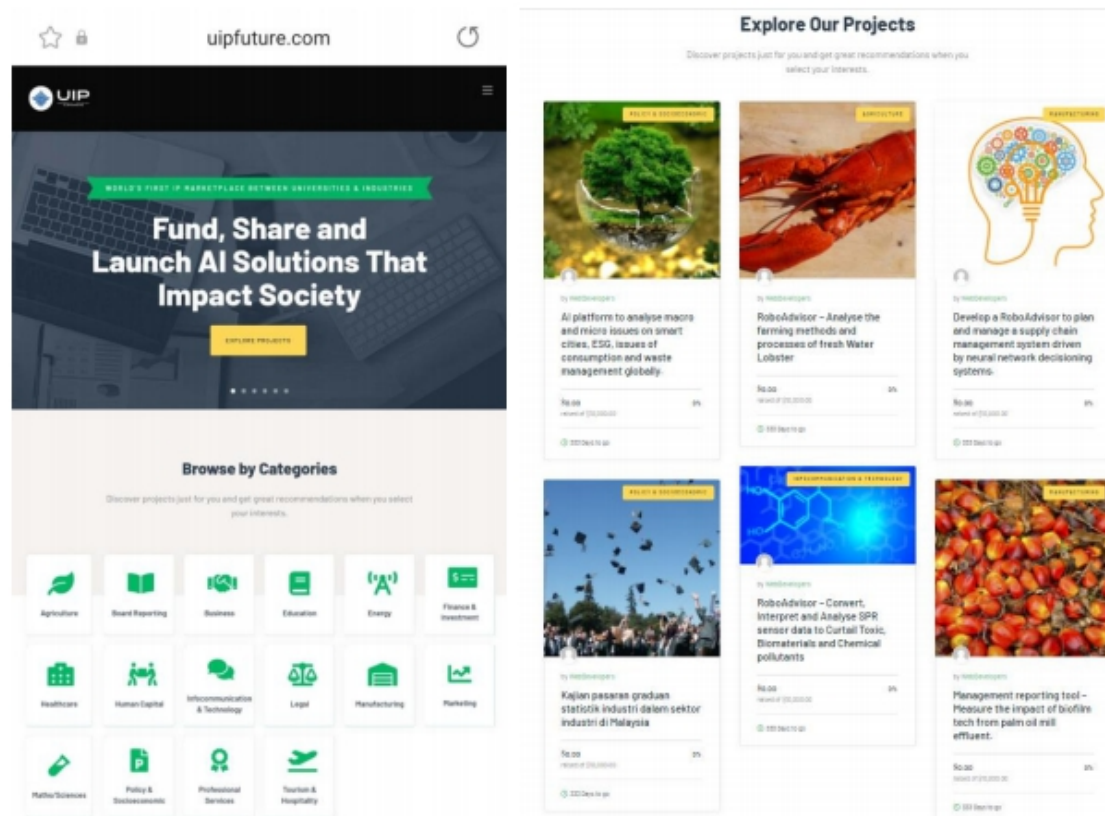


Figure 4.1.1 Main Page

In the figure 4.1.1 show the main page of our UIPFuture. This page will show the logo, navigation bar from header and every categories of the researches.



Figure 4.1.2 UIPFuture Logo

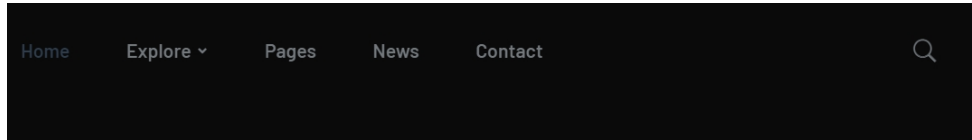


Figure 4.1.3 UIPFuture Navigation Bar

The logo and navigation bar will be shown in the header of the website. The user will be directed to the main page with the “Home” button shaded. Other than that, users able to navigate to other pages from the navigation bar such as the researches page from Explore, Pages, news related education from News and contact us for any queries from Contact.

4.2 Data Design

4.3 Process Design

4.4 Security Design

Login

The data that provided by users such as students, lecturers and industries that will be using in the education analysis is much valuable. Hence, the data will be secured and protected to avoid data leakage to any other outsiders. In order to protect the data, we created login function for every users so data will be tracked with user’s ID if leaked happens. Users also needs to login to UIPFuture in order to explore the website and use the dashboard anytime as long as the ID and password remain. Therefore, those users without ID will not be able to steal and leak any information from the website.

4.5 Chapter Summary and Evaluation