Internet and Web systems 1

HW 1 Submission

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Question1) Based on the reports of your fellow classmates during our last class (2022-09-08), please briefly summarize any new ideas for apps to solve people's problems that you have come up with as a result of listening to other students.

One of my classmates mentioned Bigbasket, an online grocery delivery service used in India to get groceries and veggies delivered to your door. The user interface of such application, in my opinion, may be enhanced. Many people in India do not speak English, thus developers should aim to create applications in regional languages so that everyone may utilize them. One of the perks is that you may search for products by turning on the microphone, although it is inaccurate. To predict the correct product, the developer can train the modal and use previous instances. He can train and test the modal using machine learning techniques. He can also strengthen the ML modal by training it with noise and interferences. Another point I'd want to make is that because the application's advertising is limited, there are few people who use it. So, there should be more advertising so that it reaches more people and eventually increases the number of people who use this application.

In terms of user interface, there are a few other apps that can be used in place of Big-Basket. The first is blink-it. It provides a good user interface for selecting things and allows users to repurchase previously purchased items.

Question 2) Several people mentioned the "conflict" between the desire to have a free app, and developers' desire (and need) to get compensated. Can you suggest any ways by which developers can reap their creativities and efforts' rewards without alienating their "customer base" by inundating with ads and/or charging them.

In my opinion it will be difficult for developer to develop free or add-free application. Instead of creating free or add-free application developer can give new user free trial for 7days or more so that user can check whether application they are using is suitable for them or not. In the mean while developer can take feedback from user and update the developed application from suggestions. Developer can also send reminder mails/text on registered contact details about trail period. Developer can also send updates which are available as a result of suggestion on the same. So that user will get

updates regularly. Application taking more permissions from user is very annoying. Developer should develop application which takes less permission as user never want to west his/her time in setting up the things. User interface and Application should be responsive. If user request for any feature in the application, it should be processed quickly. If request is taking more time than expected, then performance and eventually users/consumers using application will get affected.

Question 3) Please point to any app/software/website that offers in your opinion an excellent UI/UX. Briefly explain in what ways you find its UI/UX to be so good.

In my perspective, the UI of the Airbnb website https://www.airbnb.com/ is basic and effective. One of my favorite elements of this website is the search bar. When you click the search button, a popup window appears, allowing you to search for hotels by location, check-in and check-out dates. User can also specify number of guests. You can also choose the types of houses you want to live in during your vacation from the navigation bar. The houses can also be filtered by price range. Another thing I like about website UI is that we can add several filters. For example, if a user wants tosele ctshared room with two beds and it should be an apartment, he can easily select all three options and when he clicks on the search button, the results will be returned to him quickly. When the user picks filters, he or she will also see the number of available properties.

Question 4) Have last class's discussions and/or items #1-3 gotten you closer toward a page / app you would like to pursue as a project for this course? Please discuss briefly.

I'd like to create an online school portal website Scomprised of two sections. User Module and Online Book Store. I'd like to use multiple filters on books in the book shop module, such as author name, price, subject, Branch, and so on. Both students and teachers can use this curriculum. There are two users in the user's module. 1. the student 2. Teachers' students can enroll in classes, examine their scorecards, and modify their personal information. Teachers can do everything for their students, including assign grades and comments based on their submissions.

I'd like to make my website user-friendly so that any user may quickly visit it. I intend to keep some animation on my home page so that students of all grades can benefit from it. I am planning to use React.js to develop UI and to implement and fetch values from SQL server database I am planning to implement Python Django framework.