Internet and Web Systems

Assignment-1

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1. Some of those ideas discussed in the last class were based on expense tracking, pet care applications, old age/ children care take applications, etc. One such very intriguing idea was about Expense Tracking. The main point that hooked me to this idea was tax deduction rates. My understanding of her idea about the above point is that, once we enter our income the application would show the tax rate percentage and display the amount we would earn after taxes. She has also mentioned that this idea is not only limited to our income but also our expenses such as any product bought can be uploaded into the system and the tax charged for application can also be mentioned. But there are certain places for improvement in the idea. One such point was about the constant change in tax rates from one source to another. One possible get away from this point would be to make the tax rates real-time i.e, the tax rates should be modified from time to time. We can follow The Federation of Tax Administrators and their website to scrap data from time to time and update the changes in the rates if any. It is to be noted that since this is an expense tracker application, one must be collecting tons of detailed information from the user to provide a keen analysis of their state. During the recent Covid times, one notices that due to work-from-home convenience few people have moved to their state of convenience instead of their Company's working state. So, it is severe to also note their state of Residence mentioned to their company. One possible development to this application at the progressing stage is to collect bank statements and credit card statements from the same mail id they have used for the applications to provide a much easier and comforting experience to the user since it would be a hassle for the user to input each expense and saving etc.

2. It is a given statement that the developer cannot earn by providing a completely free app nor the user would be comfortable facing paid subscription or ads at every step in the application. It is the developer's right to be compensated for the work put into creating the application and at the same time, it is the user's comfort to enjoy a hassle-free application. This is a never-ending conflict and one that needs a proper solution. One idea that pops into my head for this conflict is that, if an application is supporting 5 features, for example, we can provide the first two features for free almost as a free app, but for the rest three development features we can provide a subscription model. In this way, the user can enjoy limited features for free access and once he starts to enjoy the application he can take the subscription for the other features as well. This is almost like a win-win situation for both the user and the developer and need not risk the idea of losing a potential customer base.

3. Out of the recent applications that we have been using constantly for a very long time, one such application that hooks me to its UI/UX is the LinkedIn application. Their professional social media presence is one of the best ideas of a millennium. We can connect to people in a very easy way because they have a state-of-the-art search engine that truly eases one's search. It is one of the best applications for job search as well. The way they subtly manage social media presence and Job search opportunities in one application are great and not something to achieve that easily.

4. It goes without explanation that our class on the 20th of September has been one of the most informative if not the most interactive sessions of my current academic career. We have experienced a chance to explore our peers' ideas and thoughts based on several day-to-day issues of many people and their solutions to such issues. All the ideas discussed were great with just a few minor developments. I now have a much clear understanding of how my project idea is supposed to be and got me much closer to the project. However, my idea needs further discussion to make it a possible project that solves people's day-to-day needs and services.