

INTERNET AND WEB SYSTEMS

Assignment Number: 1

Assignment Title: Reflections, ideas, and planning

Assignment due: Sunday, 2023-10-01, 11:59pm

- 1. Based on the reports of your fellow classmates during our last class (2023-09-25), 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.**

Based on insights of the reports of my classmates about their likes and dislikes and their views on applications and their concerns, I have some ideas. A mental health support app that offers guided meditation and stress-relieving exercises, a skill development and learning app with personalized learning paths, a community-based fitness app that fosters group motivation and workout tracking, a personal finance management app that offers budgeting tools and investment guidance, and a local business support app that links users with nearby businesses and encourages community support are some potential app ideas to address user needs. Additional apps that could address users' concerns and preferences include an environmental sustainability app for eco-friendly practices, a healthcare coordination and reminder app for medication management, a civic engagement and voting app for informed participation, a volunteer and social impact app that connects users with volunteer opportunities, and a travel sustainability app for eco-aware travel planning.

- 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 them with ads and/or charging them?**

Developers may efficiently monetise their apps without alienating consumers by utilizing a variety of tactics. A minimal free version with the opportunity to pay for premium features is provided via the freemium business model. While subscription models provide users access to the whole app experience for a set charge on a recurring basis, in-app purchases offer extra products or features for a fee. A non-intrusive approach is ensured by integrating reward-based adverts or restricted, targeted advertising, and affiliations or partnerships can create income. Alternative sources of income include contributions, donations made by the public, and voluntary data sharing with consent. Users benefit from loyalty schemes and sponsorships, and developers may make money from them. Developers strike a balance between receiving payment for their work and preserving a great user experience by providing a variety of user-friendly monetization solutions.

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 opinion, an application named “Slack” stand out with an exceptional UI/UX. Its user interface is clear and simple, with thoughtful organization enabling simple navigation via messages, channels, and functions. Slack's threaded messaging system, which maintains discussions well-organized and clutter-free, enhances the communication flow and makes it fluid and orderly. Users gain from variable channel organization, which enables targeted conversations customized to certain themes or teams. The rapid and effective retrieval of messages, files, or channels is made possible by a simple search and filtering mechanism. Slack is a powerhouse for effective communication and collaboration because to its smooth interaction with several third-party products and uniform user interface across all devices.

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.

The discussions and ideas from the previous class, one application that was interesting to me is **Shutterstock**. As it provides a great platform for photographers to sell their work and make it recognised. As it has only application, creating a website would be very great. Where every photographer gets opportunities in finding, posting their work and has individual profiles then build a community and get a contract. This can be accessible and will be a right platform for every fresher who want to dig deep into their passion and get succeed. Every small-scale photographer will also can be a part of this community and build their business and expand the community. It would become a one stop solution.

Also, I'm still in research of an idea I've before is developing a personal finance management app. I believe it has the potential to help many people improve their financial well-being, providing budgeting tools, expense tracking, investment guidance, and financial literacy resources.

