

Assignment Title: Reflections, ideas, and planning

1. Summarizing new ideas for Apps from classroom discussion:

Problem	App or Website Found	Likes	Don't Likes	Improve-ments
Comparing the cost of the item from different stores	Google Shopping allows us to search for products and compare prices from various online retailers. You can also set price alerts	It searches from all the possible websites and gives the results.	Maybe it is very generic. So separate website or App would be helpful to good user experience	Developing an app or a website with good user Interface would be a great Improvement
Keep track of work hours	Hours Tracker App	Employees can record their work hours by clocking in at their workplace using the app and seeing how much they made for the day	A free of only 21-day trial to track up to 3 jobs	Website to check their work hours with cheaper plans

Above are the two problems or Ideas for app that I have come up after listening to other students.

2.

I feel like developers can reap their creativities and efforts rewards without alienating their “customer base” by following the below ways:

- Limited Ads: If the developer want to include ads, keep them minimal and non-intrusive and, offer users the option to remove ads through a one-time purchase or subscription.
- Offer a free version of the app with basic features and a paid premium version with advanced or extra features. This allows users to enjoy the app for free while giving them the option to upgrade for a better experience.
- If your app has educational value, consider partnering with educational institutions or offering premium educational content for a fee.

3.

As of my last knowledge, website that provides excellent user interface (UI) and user experience (UX) is LeetCode (i.e., <https://leetcode.com/>)

- LeetCode’s website features a clean and straightforward design. It is easy to navigate, and I can quickly find what they need.
- The main dashboard provides clear options for coding challenges, contests, and interview preparation.
- It tracks my daily progress and provide rewards based on my progress.
- Problems are categorized logically into different difficulty levels (Easy, Medium, Hard) and topics (Data Structures, Algorithms, Database, etc.). This organization makes it easy form for me to select challenges that match my skill level and area of interest.

4.

I am Planning to develop an app that monitors the cost of the online product and notifies user when the price of the product has reduced below certain threshold.

I want to implement it in such a way that when the user login to the app and provide the link of the online product that user want to track and the cost at which user wanted to get notified then this app should keep the track of the cost and notify the user by email notification that the price has dropped below certain amount.