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Internet and Web System 1

Assignment 0: Survey

1. Submit a summary report in a table of the following format:

Person ID	Problem	App/Website	Likes	Don't likes	Improvements	Age	Gender
1.	Problems with organizing and finding important documents.	OneNote, GoogleKeep	Good Organization of Notes. Many Formatting options Simplicity Ability of color-coded notes.	Complexity. Syncing issues. Lack of Hierarchical Organization.	Add advanced search capabilities. Improve integration with other Microsoft Office apps. Enhance organization features for better structure of notes.	51	M
2.	Problems with online pdf to word converter	PDF to Word Converter	Simple and quick It is inexpensive	More Advertising. Performance is slow.	Coding with an efficient algorithm can enhance performance.	27	F
3.	Problems in ensuring personal safety and staying connected during emergencies.	Life360	Real-time location sharing for enhanced safety. Emergency alerts and communication features for peace of mind. Family and friend tracking for added security.	Privacy concerns related to constant location tracking. Technical issues, such as occasional GPS inaccuracies. Potential drain on battery life due to continuous tracking.	Enhanced privacy controls to address user concerns. Improved accuracy and reliability of GPS tracking. Optimize the app's resource usage to reduce battery consumption. Expanding features for better emergency communication and response	45	F
4.	Problem in managing time effectively and staying focused on tasks.	Focus Keeper	Helps to stay focused. User-friendly and easy to use.	Limited customization options for timer settings. No Task Management options.	Enhance compatibility with other productivity tools and platforms. Add more flexibility in timer settings to accommodate different work styles.	22	M

					Personalized product recommendations.	31	F
5.	Problem with Time constraints and transportation issues for grocery shopping.	Instacart	Convenience and Variety	Delivery Fees. Substitute Items	Improve transparency regarding fees and pricing. Enhance customer support services to address issues. Introduce eco-friendly packaging and delivery options		

2. Survey friends, family, neighbors, classmates, etc.:

   What problem do you have that you would like to have a website and/or a mobile app to help you solve?

Ans) Below are the common problems that people use a website or mobile app to solve:

- **App**: Alarm
  Problem: Difficulty in managing time effectively.
- **App**: Remainders, To-Do List
  Problem: Difficulty in managing tasks effectively and staying organized.
- **App**: Apple Health
  Problem: Lack of knowledge on record of health history and fitness goals.
- **Website**: Wikipedia
  Problem: Seeking additional resources and information.
- **App**: Mint
  Problem: Issue with tracking expenses.
- **App**: HealthifyMe
  Problem: Issue with tracking nutritional values.
- **Website**: TripAdvisor
  Problem: Struggling with trip planning and bookings.
- **App**: Life360
  Problem: Ensuring personal safety during emergencies.
- **Website**: BBC News
  Problem: Not knowing about the news or events happening around us.
- **Website**: Naukri, Handshake
  Problem: Not knowing the current job opportunities.
- **Website/ App**: Instacart
  Problem: Transportation issues and saving time with traveling for buying weekly groceries. To avoid the excess purchase of items.

3. Look up to see what/if any solutions exist that could help each person with their needs/desires.

Ans) Below are the common problems and their solutions that people use a website or mobile to fulfill their needs:

- **App**: Alarm / Focus Keeper
  Problem: Difficulty in managing time effectively.
  Solution: By using these apps, we can improve our productivity, prioritize our tasks, and manage our time better.
- **App**: Remainders, To-Do List, Microsoft To Do.
  Problem: Difficulty in managing tasks effectively and staying organized.
  Solution: Popular apps that are used to create and organize tasks, set due dates and reminders and it is easy to maintain collaboration with others for shared activities.
- **App**: Apple Health
  Problem: Maintaining the record of health history and fitness goals.
  Solution: This app is used to track health, step count, hours of sleep, screen time, cycle tracking, and many more.
- **Website**: Wikipedia
  Problem: Seeking many websites and pages for additional resources and information.
  Solution: Wikipedia is a valuable resource for finding information on a wide range of topics. Collective information can be found in one search in Wikipedia.
- **App**: Mint
  Problem: Issue with tracking expenses.
  Solution: We can use this app for tracking the budget and expenses. These apps bring together all our finances, from balances and budgets to credit health and financial goals, in one place.
- **App**: HealthifyMe
  Problem: Issue with tracking nutritional values.
  Solution: HealthifyMe is an app that provides a comprehensive solution for individuals looking to track various aspects of their health and wellness, including nutritional values. This app helps to track weight, drinking water alerts, steps tracker, workout tracker, and many more.
- **Website**: TripAdvisor
  Problem: Struggling with trip planning and bookings.
  Solution: This is a popular website that provides many recommendations and booking options for hotels, restaurants, and tourist attractions. It simplifies the trip planning process and enhances the overall travel experience.

- **App**: Life360
  Problem: Ensuring personal safety during emergencies.
  Solution: Life360 offers a comprehensive solution for personal safety during emergencies by location sharing, alerts, and communication features. It provides peace of mind to users and their loved ones by enhancing safety and security in various situations.
- **Website**: BBC News
  Problem: Not knowing about the news or events happening around us.
  Solution: This site offers a comprehensive solution to the problem of staying informed about global and domestic news and events. BBC News covers various categories of news, including politics, business, technology, health, science, entertainment, and more. Users can easily navigate and explore news topics of interest.
- **Website**: Naukri, Handshake
  Problem: Not knowing the current job opportunities.
  Solution: Naukri and Handshake are two websites that provide solutions to the problem of finding job opportunities and accessing career resources. Naukri is one of India's leading job portals, offering a vast database of job listings across various industries and locations.
- **Website/ App**: Instacart
  Problem: Transportation issues and to save time with traveling for buying weekly groceries. To avoid the excess purchase of items.
  Solution: Instacart is a grocery delivery and pickup service that offers a solution to the problem of transportation issues, time-saving, and preventing excess purchases during grocery shopping.

4. If you find one (or more):

Ans) As per the survey with my Uncle, he suggested the following problem:

a. ***Problem:*** Difficulty in organizing and finding important documents and information at home.

1. Tell the person about that solution

Solution: Install or Browse some Document-organizing apps or websites like OneNote, and Google Keep. These apps are designed to help organize and store important documents. If stored in these apps, it is easy for us to find the documents with the keywords. It is also time-saving and secure for us when stored in these apps. Documents can also be searched from anywhere when needed.

2. Ask them to get and test it

I have suggested people install any of these apps like OneNote to write the information and Google keep storing the documents and files. I have been trying these apps for a year since as international students we can carry our original documents everywhere for important information. I find it very easy and safe when store my important information in these apps. Since then my uncle started testing these apps and he also found it easy to access all his documents and secure while he is saving his passwords. He also mentioned that is very accessible as he can access the app and website at the same time as per convenience.

3. Ask them to tell you what they like about it, and what they don't like about it

He appreciated the features like document categorization, search functionality, and the ability to access information from anywhere.

Dislikes: He mentioned that OneNote offers a variety of formatting options, but he finds it less versatile than dedicated word processing software for advanced document formatting.
We can share notes with others in Google Keep, but it might not be as good for working together as other Google apps like Google Docs or Google Sheets.

4. Ask them if they could suggest improvements.

He suggested the below improvements:

- Create an option for a simplified, beginner-friendly user interface to make it more accessible to users who find it complex.
- Expand the range of formatting options to make it a more versatile tool for advanced document formatting.
- Enhance offline access capabilities, ensuring that users can access and edit their notes even when they don't have an internet connection.