

Assignment No-1

- Q1. Define a problem statement and give a brief Executive Summary Snapshot:
- A) Executive Summary
 - B) Project Description
 - C) Project Scope

Problem: Finding household items in a hurry can be frustrating and stressful. Many individuals and households struggle to quickly find household items when they need them, leading to frustration, wasted time and increased stress levels. They feel stressed when unable to find essential items on time.

A) Executive Summary:

Finding household items in a hurry can affect mental stress and anxiousness. Memory lapses or forgetfulness occur, causing individuals to forget where they placed items. Lack of effective organization systems and habits lead to chaotic environment. Multiple people share the same living space, increasing the likelihood of misplaced items. Clutter and disorganization accumulate, making it difficult to locate specific items. We can develop a user-friendly website to help individuals and households efficiently find and manage their household items, reducing stress and increasing productivity. It provides a sense of control and accomplishment. By addressing this problem, I aim to create a valuable resource for individuals and households to manage their household items efficiently, reducing stress and increasing productivity by saving time too.

B) Project Description:

We can develop a web-based platform designed to help individuals and households efficiently manage and locate their household items. The website aims to reduce stress and save time by providing a user-friendly interface for cataloging, tracking and finding household items. A website develops a robust search functionality to quickly locate items. Implementation of tagging and categorization system for easy organization will be provided. Community features for sharing tips and advices will be offered.

Objectives:

1) Create a simple and intuitive interface for users to catalog their household items.

2) Provide personalized recommendations for organization and storage.

3) Ensure scalability and flexibility for various household sizes and types.

Features:

1) Item Cataloging: Users can add, edit and delete items, including photos, descriptions and categories.

2) Search Functionality: Users can search by keywords, category or location.

3) Tagging & Categorization: Users can assign tags and categories to items for easy filtering.

4) Personalized Recommendations: Users receive tailored suggestions for organization and storage.

5) Community Forum: Users can share tips, ask questions and engage with others.

6) User Profiles: Users can manage their account, view their catalog, and track their history.

- By incorporating these features, the website can provide a comprehensive solution for the managing and finding household items, making it easier for users to maintain organization and reduce stress.

c) Project Scope:

Goals -

- 1) Quickly and easily locate household items when needed.
- 2) Reduce stress and anxiety caused by misplaced items.
- 3) Improve time management and productivity.
- 4) Enhance overall well-being and quality of life.

Timeline - Research and planning - 2 weeks

Design and Prototyping - 4 weeks

Development - 16 weeks

Testing and iteration - 4 weeks

Launch - 2 weeks

Budget - Development : \$ 40,000

Design and prototyping : \$ 8,000

Testing and iteration : \$ 4,000

Hosting and maintenance : \$ 2,000/year

- Fully functional website with all features and pages.
- Accessibility and mobile responsiveness
- Initial launch will focus on core features, with additional features added in future updates
- Limited to web platform, with potential mobile app development in future.

By defining a project scope, we establish a clear understanding of objectives, deliverables and limitations ensuring a successful development process for the website.