Project Title: Chrome Extension - All-in-One Productivity Enhancer

Team Number : 5

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Proposed Project Description:

Our project aims to create an all-in-one productivity-enhancing Chrome extension that combines various functionalities to streamline and optimize users' browsing experiences. This multifaceted extension will empower users to manage their web activities more efficiently, incorporating features like a Bookmark Manager, Language Translator, Quick Notes and To-Do Lists, Adaptive Dark Mode, Webpage Annotations, Password Generator and Manager, Quick Search AI, and a Quick Screenshot tool.

Functional Features and Qualitative Properties:

1. Bookmark Manager:

  - Allow users to save, categorize, and manage their favorite websites and resources.

  - Functional Features:

    - Bookmark creation and organization.

    - Folders and tagging system for categorization.

    - Import/export bookmarks.

2. Language Translator:

- Integrate a language translation tool that can translate selected text or entire web pages into different languages.

  - Functional Features:

    - Text and webpage translation.

    - Multiple language support.

3. Quick Notes and To-Do Lists:

  - Provide users with a simple note-taking and to-do list feature for quick and efficient task management.

  - Functional Features:

    - Create, edit, and delete notes and tasks.

    - To-do list organization.

4. Adaptive Dark Mode:

  - Automatically enable dark mode for websites that lack native support, enhancing nighttime browsing.

  - Functional Features:

    - Dark mode activation for supported websites.

    - User-configurable settings.

5. Webpage Annotations:

  - Enable users to annotate and highlight web content, facilitating research and study online.

  - Functional Features:

    - Highlighting, underlining, and note-taking on web pages.

    - Export and share annotations.

6. Password Generator and Manager:

  - Offer tools to generate strong passwords and manage them securely.

  - Functional Features:

    - Password generation with customizable options.

- Encrypted password storage.

7. Quick Search AI:

   - Implement a quick web search functionality powered by AI, allowing users to find information instantly.

   - Functional Features:

     - Instant web search within the extension.

     - Relevant search results based on AI analysis.

8. Quick Screenshot:

   - Allow users to capture quick screenshots of web pages and save or share them instantly.

   - Functional Features:

     - Screenshot capture and saving.

     - Annotation on screenshots.

     - Screenshot organization and history.

Plan of Work and Product Ownership:

1. Sarthak S Kumar (SRN: PES2UG21CS482)

   - Functional Feature: Bookmark Manager, Quick Search AI

2. Sathish Kumar G (SRN: PES2UG21CS484)

   - Functional Feature: Language Translator, Password Generator and Manager

3. Sanath Kumar R (SRN: PES2UG21CS474)

   - Functional Feature: Quick Notes and To-Do Lists, Quick Screenshot

4. Sumukha N M (SRN: PES2UG21CS822)

   - Functional Features: Adaptive Dark Mode, Webpage Annotations.