

PROJECT: EcoNudge

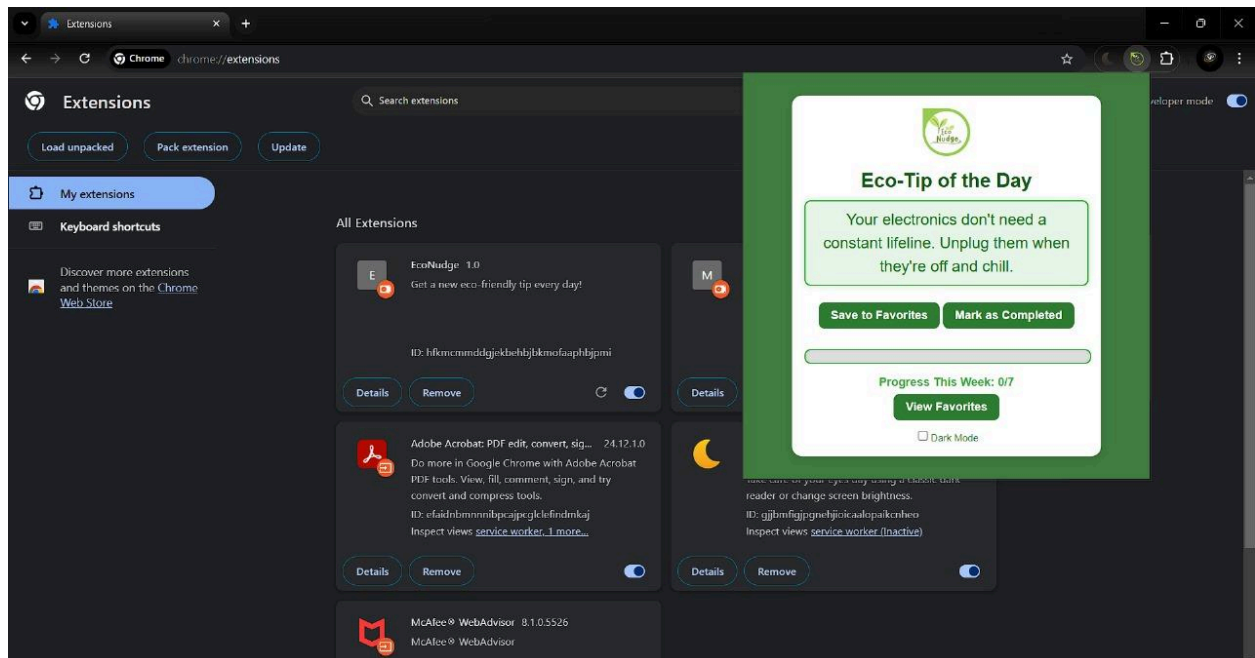
Features and Testing



- Category: Sustainability & Technology
- Built By: Aayushi Thakre, Soham Palkrit
- Hackathon: Nova Hacks II
- GitHub: [EcoNudge](#)

Introduction

EcoNudge is an innovative Chrome extension designed to encourage sustainable living through daily eco-tips, progress tracking, and gamified rewards. With a user-friendly and minimalistic interface, it integrates seamlessly into the browser, helping individuals adopt environmentally conscious habits in a fun and engaging way.



With its sleek and minimalistic design, EcoNudge integrates seamlessly into the browser, offering users a simple yet effective way to contribute to a greener planet. The extension is built with user-friendliness in mind, ensuring accessibility and engagement for individuals looking to make a difference.

FEATURES OF EcoNudge

Description of Features

1. **Daily Eco-Tips:**

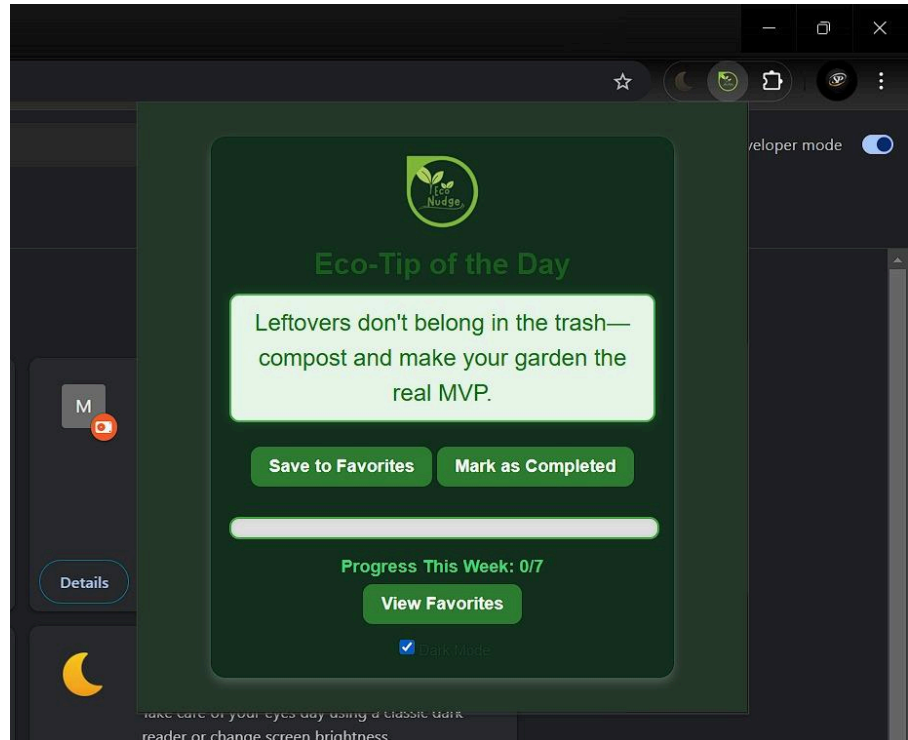
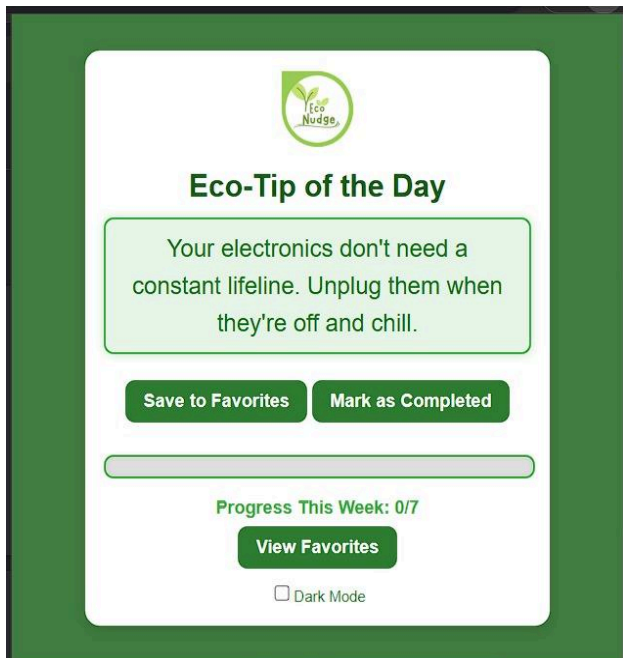
EcoNudge provides a curated daily tip to guide users in making small, impactful changes to their habits.

These tips are sourced from a predefined library and are displayed automatically based on the current date.



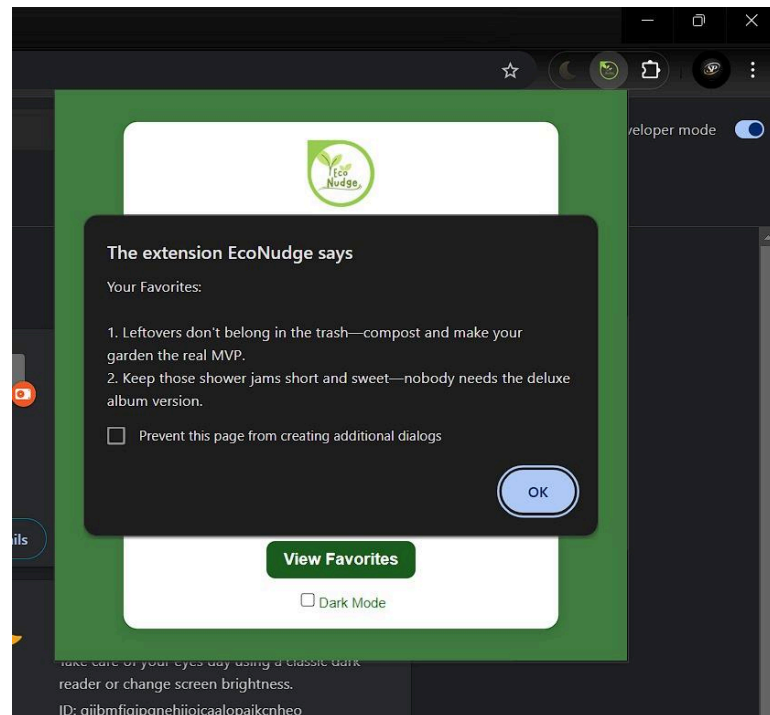
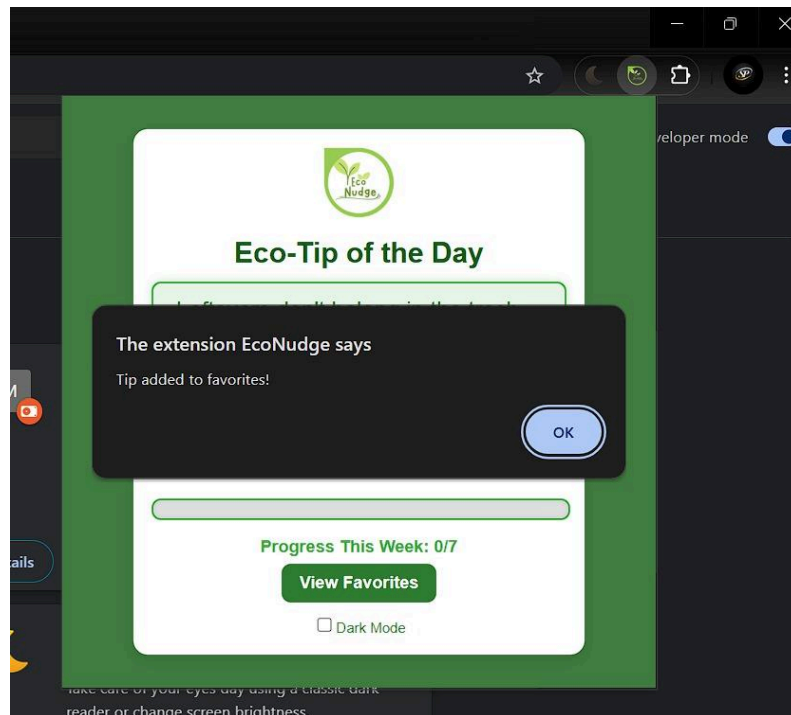
2. Dark Mode:

The extension offers a dark mode option for users who prefer a visually comfortable interface, especially in low-light conditions. The toggle ensures adaptability to user preferences.



3. Save Tips:

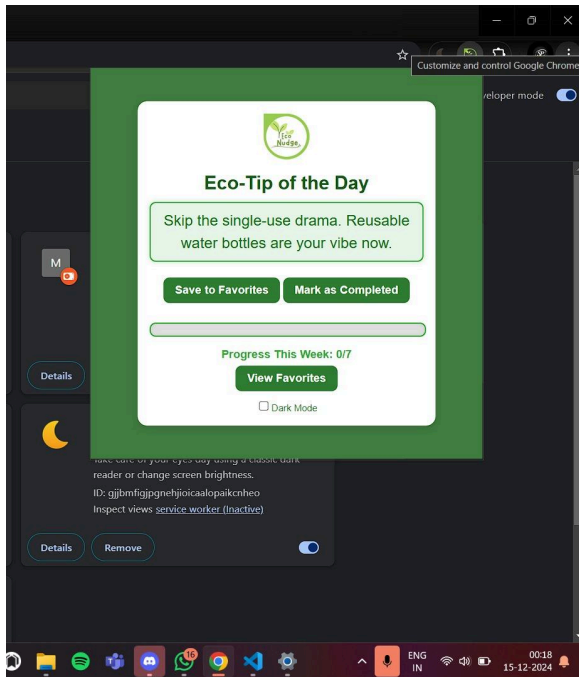
Users can bookmark their favorite tips for quick reference and implement them at their convenience. The tips are stored locally using browser storage, ensuring privacy and easy accessibility.



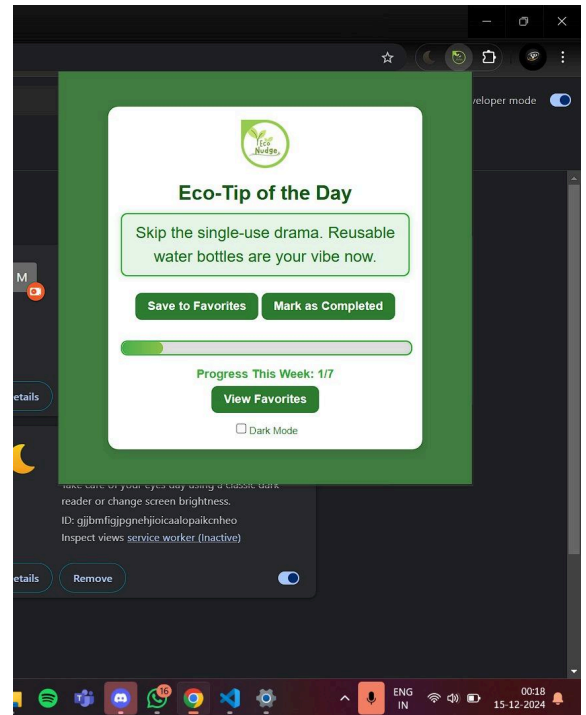
The **Save Tips** feature in EcoNudge allows users to bookmark eco-tips using LocalStorage for persistent storage. When a user clicks "Save to Favorites," the tip is added to an array, serialized into JSON, and stored locally. Saved tips are retrieved, displayed dynamically, and can be managed (added/removed) via the UI. Duplicate entries are prevented, and visual feedback ensures a seamless user experience. This implementation is lightweight, scalable, and optimized for quick browser operations.

4. Progress Tracking and badges

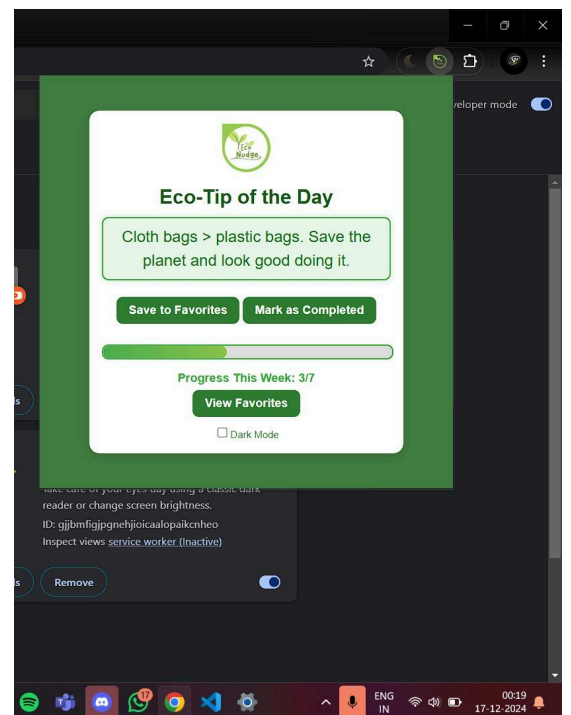
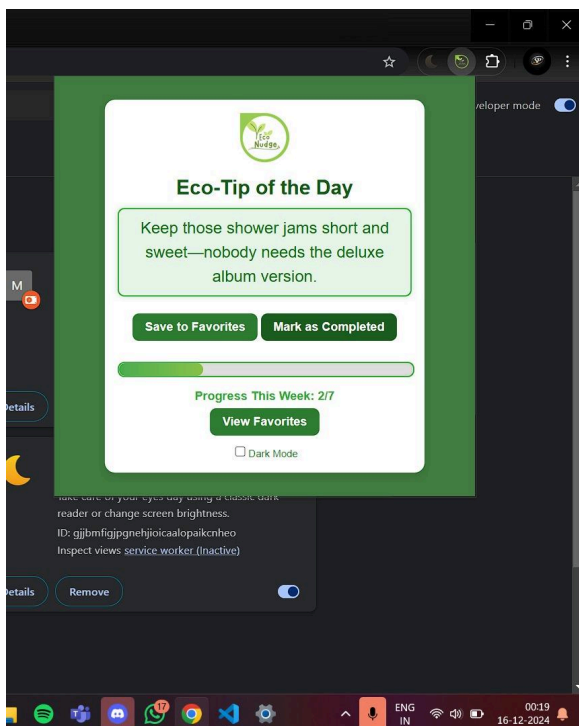
- A weekly progress bar helps users monitor their engagement with eco-tips.

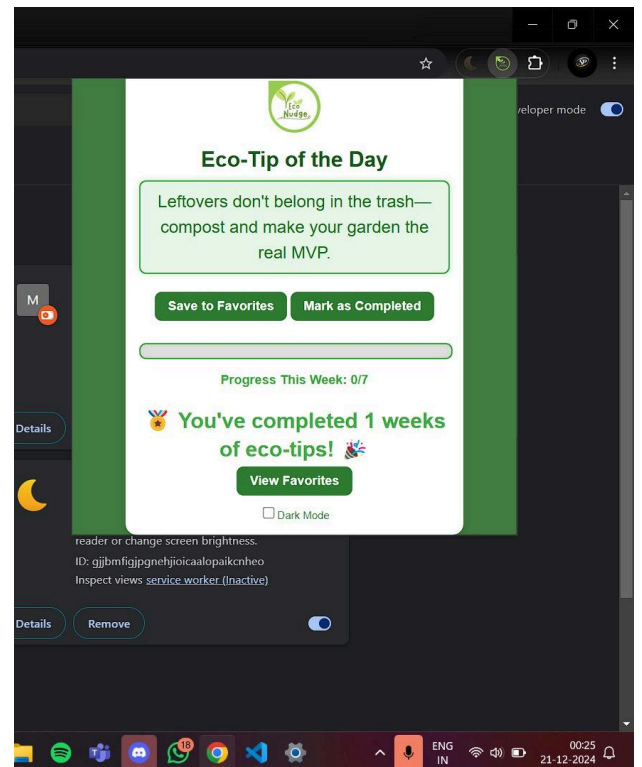
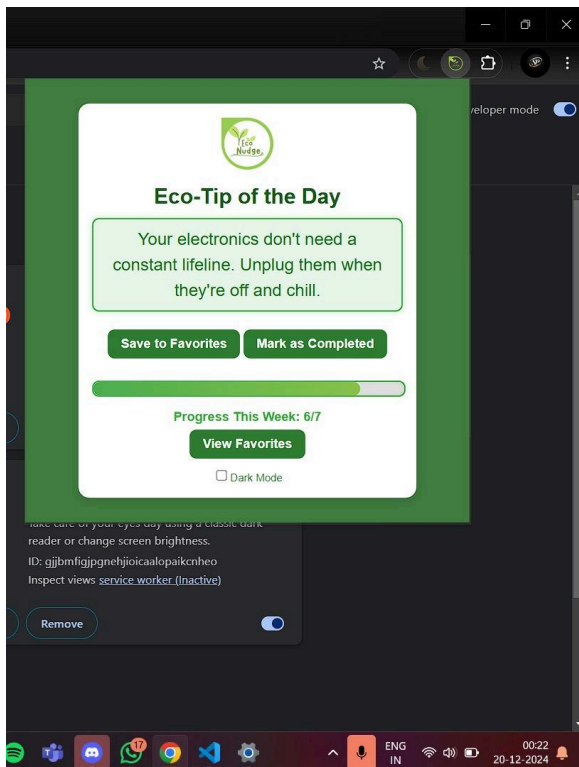
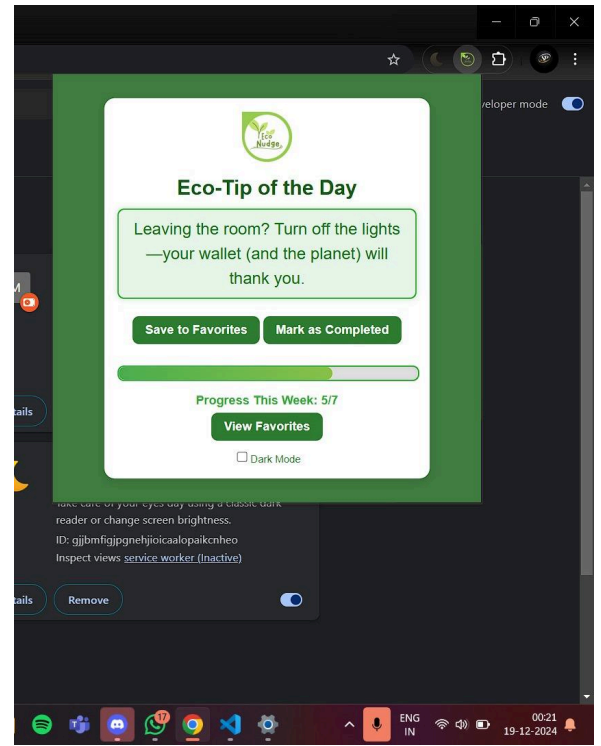
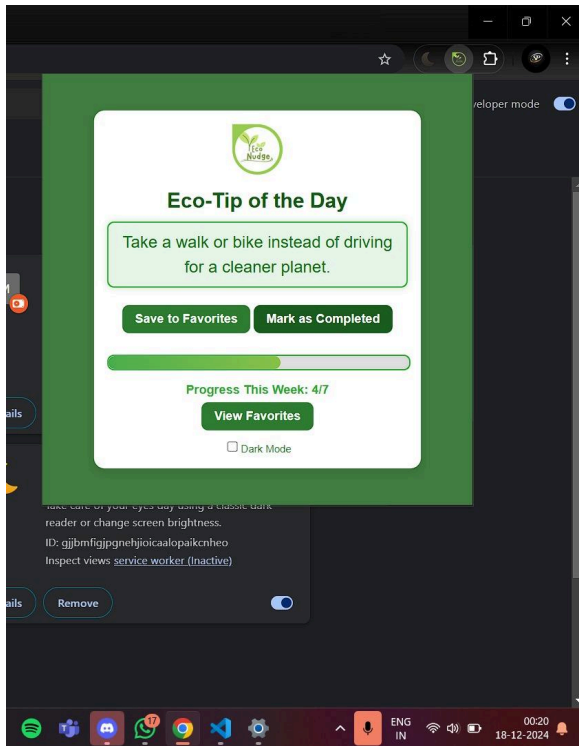


Day 1



Day 1 completion





#Completion of Week 1 !! Badge given |

5. Achievements and Badges

- Unlock badges by completing all tips for the week, encouraging consistent involvement.
- Adds a gamified element to promote sustained engagement.

