

TABHUB

**A CHROME EXTENSION FOR MANAGING TABS AND
WINDOWS**

PROJECT MADE FOR INNODEV 24 UNDER ELECTROMANIA

TEAM NAME: 3AI

PROBLEM STATEMENT

TAB MANAGER FOR CHROME THAT ALLOWS USERSTO MANAGE
THEIR OPEN TABS IN A MORE EFFICIENT WAY

Rose Granger-Weasley is gearing up for her N.E.W.Ts this year, putting in dedicated effort for her success. In support of her academic journey (and to give her an edge over Scorpius Malfoy), her dad, Ron Weasley, surprises her with a Muggle Laptop as a birthday gift. To enhance Rose's learning experience, Hermione takes on the task of developing a Chrome tab manager. Help Hermione develop a web application that will empower Rose to efficiently organise her open tabs by dividing them into groups, and even colour-code them for streamlined navigation.

BASIC FEATURES

- login signup and logout
- create groups with user defined group name and color
- preview, expand/collapse, close groups
- preview all tabs in each respective window
- pin or unpin tabs
- close tabs
- new tab in desired window
- search and filter tabs
- save current chrome session
- restore previously saved sessions
- user defined interval for automatically closing inactive tabs

ADVANCED FEATURES

- import or export a list of tab urls
- create bookmarks
- keyboard shortcuts
- highlight duplicate tabs

TOOLS AND TECHNOLOGIES USED

FRONT END

- React js
- Chrome API

BACKEND

- Node js
- Express Js
- Cookie Session
- Passport
- Mongoose
- Bcrypt

DATABASE

- Mongo DB

FUTURE WORKS

- User defined setting for certain tabs
- Create group of people and share tab links between them
- Set sleep timer for certain tabs.

TEAM MEMBERS

- Akhil Gupta
 - Reg no: 20215090
 - B. Tech 3rd year: Electronics and Communication Engineering
- Aarya Khandare
 - Reg no: 20212035
 - B. Tech 3rd year: Electrical Engineering
- Isha Vishwakarma
 - Reg no. 20215057
 - B. Tech 3rd year: Electronics and Communication engineering
- Aditya Singh Yadav
 - Reg no. 20214076
 - B. Tech 3rd year: Computer Science and Engineering

G I T H U B R E P O L I N K

<https://github.com/akhil1g/TabManager>



Thank you!
