



JTracker

All your job applications, one powerful dashboard.

NC STATE
UNIVERSITY

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Introduction

JTracker is an open source job tracking software platform that eases the process of applying to jobs. With the help of Jtracker, job seekers can easily keep all the information in one place. This includes tracking applications, wishlists, rejects and acceptances.

Sells the Project

LinkedIn and GitHub Integration:

- Direct Integration with LinkedIn and GitHub increases the tool's functionality by making it convenient for the recruiters to navigate and filter out profiles of the applicants and it also helps users to strengthen their applications.

Streamlined Recruitment Workflow:

- Empower recruiters with a dedicated dashboard to effortlessly post jobs, manage applications, and access candidate details, including skills and resumes, all in one place.

Seamless Candidate Experience

- Enable candidates to browse and apply for jobs with ease, ensuring their information and resumes are instantly available to recruiters for efficient shortlisting and hiring.

Competitive Engagement through Leaderboards:

- A leaderboard for quiz performance fosters a motivating and competitive environment. Users can track progress, aim for higher ranks, and stay engaged.

Web Scraping for Wider Job Data Coverage:

- Collecting job data from more public APIs enables access to a wider variety of opportunities, keeping the platform competitive and up-to-date.

Future Scope

- Add a feature that allows users to attach interview reminders to their Google calendar.
- Direct connection to LinkedIn, allowing for the addition of job opportunities to the wishlist.
- Enhance chrome extension to allow injecting the data directly to the required fields and thus removing the need to copy and paste content.
- Integrate video interview scheduling and conducting directly on the platform.
- Authenticate employment history with tamper-proof records



TEST CASES

Frontend Test Cases: 60+
Backend Test Cases: 50+

Milestones

Milestone 1: Launch the Recruiter Dashboard for Job Management

- Develop a comprehensive recruiter dashboard where recruiters can log in, create job listings with detailed information (e.g., role, skills, salary range, and description), and track all jobs they've posted. This milestone focuses on equipping recruiters with a centralized platform to simplify the job creation process and ensure better visibility and control over their postings.

Milestone 2: Implement Candidate Application Portal

- Introduce a user-friendly candidate application interface allowing job seekers to browse available jobs and submit applications seamlessly. This milestone ensures candidates have an accessible and engaging platform to connect with opportunities, fostering a streamlined recruitment pipeline that benefits both recruiters and applicants.

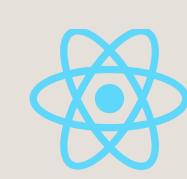
Milestone 3: Expand Job Data Coverage via Multi-API Integration

- Develop and deploy a scalable system to expand job data coverage by integrating multiple public APIs to provide a diverse and comprehensive job database. This includes standardising data structures, automating daily data collection, optimising performance, and implementing user-specific filters for relevance. The system will feature secure API authentication, real-time updates, and error-handling mechanisms to ensure reliability. By incorporating regional and niche job boards, the platform will cater to a broader audience while remaining competitive and up-to-date with market trends.

Milestone 4: LinkedIn and GitHub Integration

- Integrate LinkedIn and GitHub to enhance the platform's functionality by enabling recruiters to directly access and filter applicant profiles based on their skills, projects, and professional experience. For users, this integration simplifies linking their LinkedIn profiles and GitHub repositories to strengthen their applications by showcasing relevant qualifications, certifications, and project portfolios. This feature creates a seamless connection between job seekers and recruiters, improving the hiring process and enhancing the overall user experience.

Tech Stack



JOBTRACKER

Job Application Made Easy!!!



WHAT DO WE DO?

Take the stress out of managing your job applications with our all-in-one platform. Keep track of everything—applications, wishlists, and responses—in one place, and never miss a deadline with email reminders. Find exactly what you need in seconds using our powerful search tools, and get instant answers to your questions with our AI-powered chatbot, available anytime. Whether you're organizing your search or staying on top of follow-ups, our platform makes the process smooth, efficient, and worry-free. Build your dream resume with our resume building tool. Start your journey to landing your dream job today!

NEW ADDITIONS

- AI-Powered Chatbot Integration:** Get instant answers to your resume and job-related questions with our newly added LLM chatbot.
- Enhanced Kanban Tracking:** Effortlessly manage applications with our updated drag-and-drop Kanban board -- easily move applications across stages like Applied, Accepted, Rejected, and more.
- Email Notifications for Updates:** Stay informed with email updates -- add your email to receive notification about your application details.
- Bug Fixes for a Smoother Experience:** Resolved login and signup issues, along with profile update errors, to ensure a seamless experience.
- Improved Website Robustness:** Added extensive testing to make the platform more reliable and user-friendly.

FUTURE ENHANCEMENTS

- Interview Prep Tools:** Add features like mock interview simulations and frequently asked questions tailored to job descriptions.
- Calendar Alert:** Register important dates and events on Google Calendar, such as deadlines for applications or interview follow ups.
- Improve Job Recommendations:** Work on a recommender algorithm to more cleverly suggest jobs for each user based on their interests.
- Fine-tune LLM:** fine-tune the LLM so that it provides better career related advice post training.
- Improve Web Scraping Functionality:** Currently, there are no APIs for career sites to easily access jobs, so web scraping outputs the wrong values in wrong columns at times.

TECH STACK



TEST CASES

This project now includes ~36 new test cases that covers a wide range of areas, ensuring better functionality and reliability across the platform

The screenshot displays the Job Tracker application's interface. On the left, a sidebar shows a 'Job Expert' section with a message bubble asking 'Ask Me Your Questions!' and a response 'Briefly, what makes a good resume?'. Below this, a section titled 'A good resume typically has the following key elements:' lists '1. Clear and concise format: Easy to read, with bullet' and a smiley face icon. A navigation menu on the far left includes Home, Manage, New Application, My Applications, Profile, Create Resume, and LogOut. The main area features a 'Job Tracker' header with search fields for Keyword, Location, and Select Job Type, and a 'Search' button. Below this is a 'Recommended Jobs' section with a table showing Company Name, Job Title, Link, and Location for Amazon, Idaho State Job Bank, and Oracle. To the right is a large Kanban board with columns: Wish List, Waiting for Referral, No Response, Rejected, Accepted, and Took an Interview. Tasks are represented by cards with initials and company names like Krusty Krab Fry Cook.

Send reminder email for the application

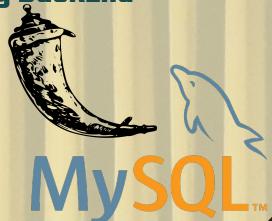
Email Address: student@ncsu.edu

Application Type: Took an Interview

Save Changes

Hello,
This is a reminder about your job application:
Company: Google
Position: Data Science Intern
Location: California
Application Date: 2024-11-26
Current Status: 5
Job Link:
Notes: I got offered a job
Latest Updates:
Best regards,
Job Tracker App ;)

Starring BackEnd



BingeSuggest

Your Destination for Movie Recommendations

Presented by Team 22 Yunfei Chen, Tanuj Kulkarni, Shubham Vijay Tidke

Starring FrontEnd



What is BingeSuggest?

Introducing BingeSuggest—your ultimate movie companion! Discover personalized recommendations and track your cinematic journey with the Watched History feature.

How to use BingeSuggest?

Using BingeSuggest is simple—select up to five favorite movies, and our algorithm will create a personalized watchlist for you to explore, rate, and enjoy. Plus, with our new discussion forum and Watched History feature, you can share your thoughts and keep track of all the movies you've watched!

New Features Spotlight!

Remove from Watchlist

Effortlessly curate your watchlist with a simple click.

Watched History

Keep track of every movie you've watched.

Discussion Forum

Share your thoughts and connect with others on each movie.

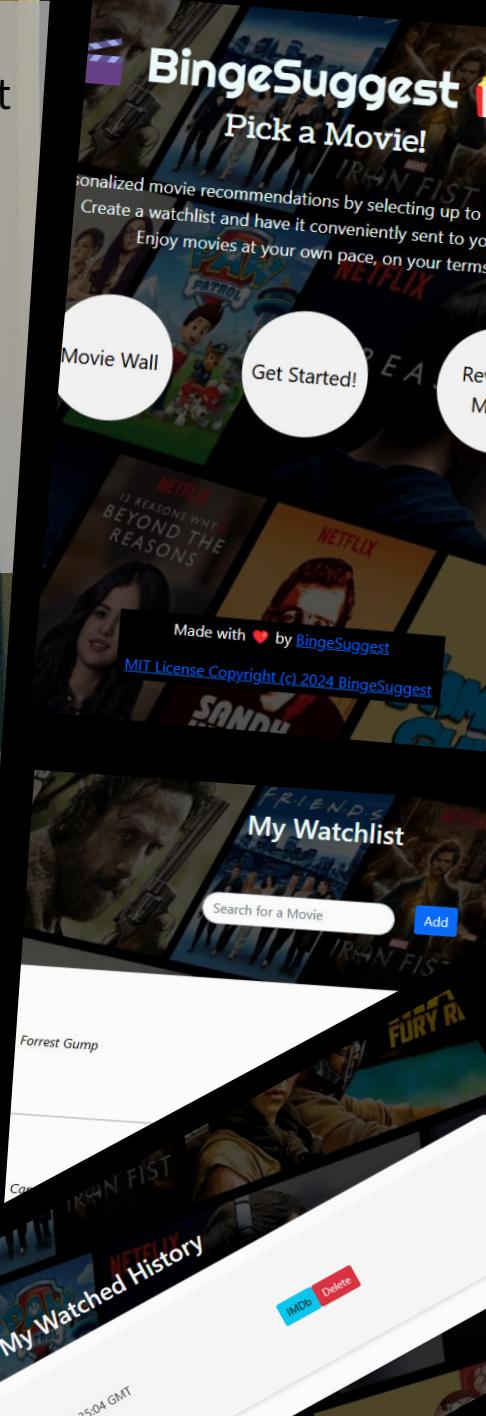
Improved Test Base

Enjoy a smoother experience with over 120 test cases ensuring reliability.

Website



Live Demo



Future Scope

Enhance user profiles with messaging, friend interactions, and personalized features like preferences

Integrate with popular streaming services to provide real-time availability and seamless access to movies.

Improve the recommendation engine using advanced machine learning and collaborative filtering for better suggestions.

Modernize the frontend with a component-based architecture like React, Angular, or Blazor.



Group-67

Harsh Chaudhari

Yash Chaudhary

Yuvraj Singh Bhatia

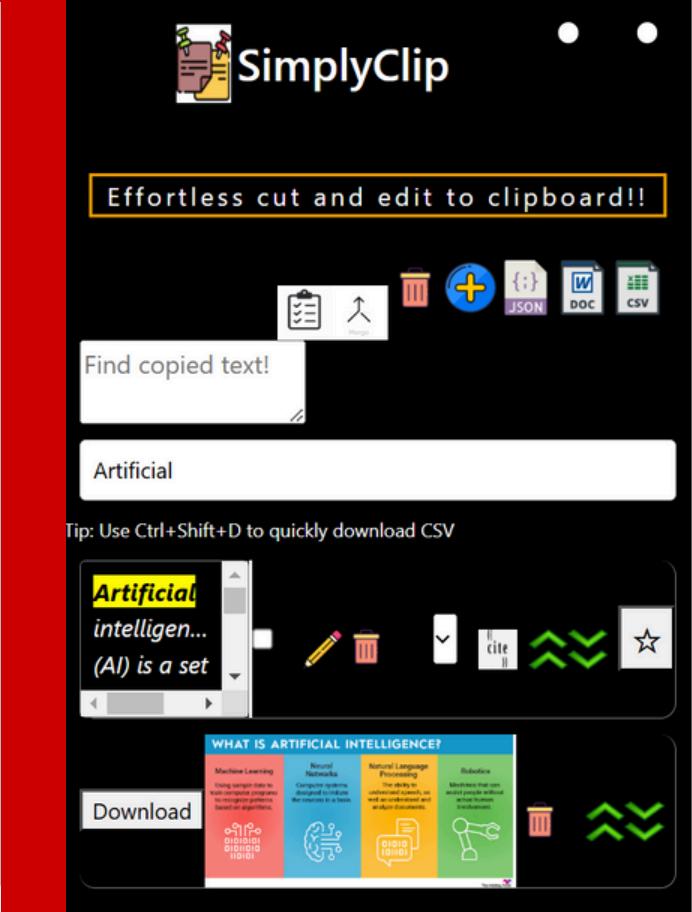
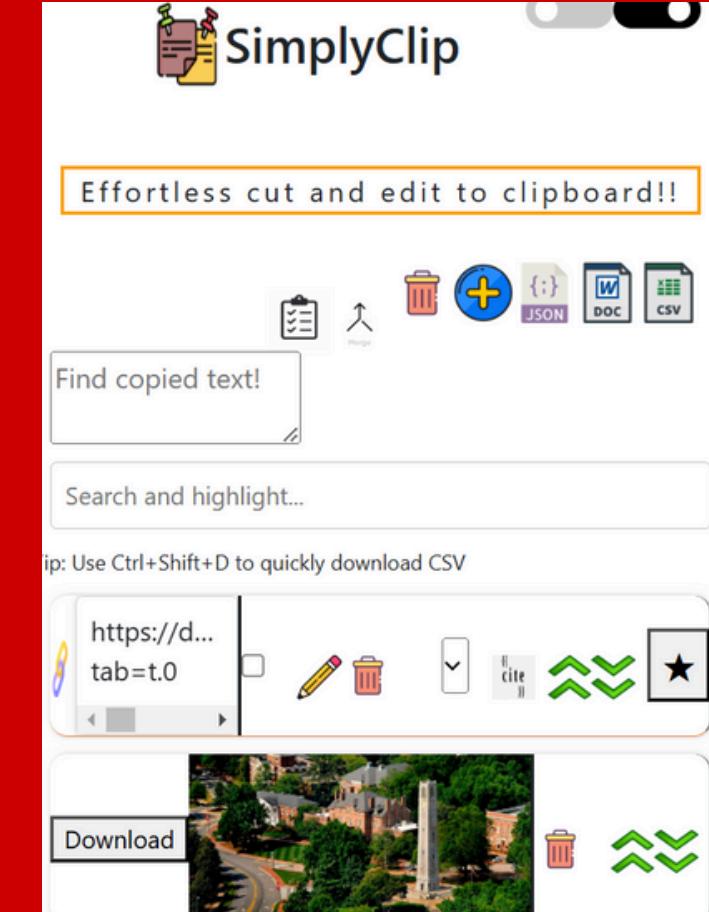
SimplyClip

A Smart Clipboard!



[Video](#)

Scan me or Click me!



Introduction

- SimplyClip is a powerful productivity tool designed for researchers and students.
- It enables effortless collection, organization, and prioritization of text snippets from multiple tabs, streamlining workflows and reducing distractions.
- With features like text summarization, URL-saving, text search, and one-click exporting to CSV or DOC, SimplyClip enhances efficiency and focus, helping users manage content seamlessly and stay on top of their tasks.

User Workflow

- Users can load the SimplyClip extension in Chrome-based browsers by enabling Developer Mode in Chrome Extensions.
- They can copy text from any webpage, which is automatically saved in the clipboard extension.
- Users can summarize and cite copied text or download it in DOC, CSV, or JSON format using buttons or custom shortcut keys.
- Options to edit, change the color, or delete copied text are available for enhanced customization.
- By right-clicking on images, users can save them to SimplyClip and download them later.
- Specific copied text can be bookmarked for quick access.
- For night-time usage, users can enable dark mode to reduce strain on their eyes.

Future Enhancements

- Categorize Content:** Users will be able to categorize the copied content to better organize their data.
- Filtering Content:** Efficient filtering options based on bookmarks and content categories for quick access.
- Voice Input:** Save content through voice input or convert spoken speech into text for hands-free functionality.
- Highlight Text:** Highlight specific parts of the copied content for easier reference and emphasis.
- Integration with Notion:** Seamlessly save clipboard data directly into Notion for enhanced workflow integration.
- Basic UI Changes:** A cleaner and more professional look with simple animations and a consistent color scheme.



[Repository](#)

Scan me or Click me!



Test case coverage

The code coverage of our project is 97.87%.

What's new?

- Cross-browser Support:** SimplyClip now offers cross-browser support, allowing users to load the extension in Firefox, which was not supported in the previous iteration.
- Custom Keyboard Shortcuts:** Custom keyboard shortcuts have been added for downloading copied text in various formats.
- Download data in JSON file:** Downloading data in clean JSON format is now possible.
- Simplified File Formatting:** File formatting for DOC, CSV, and JSON has been simplified and made more informative. For example, csv now contains a column of source URL of copied text.
- Download Images:** Users can now download copied images directly through the extension.
- Bookmark Copied Text:** A new feature enables users to star or bookmark copied content for quick access.
- API Integration:** API integration with external applications allows programmatic modification of SimplyClip data, enhancing flexibility and automation.
- WHY THIS PROJECT?** "To provide a versatile solution that streamlines the content management and boosts user productivity."



ScheduleBot



“THE KEY IS NOT TO PRIORITIZE WHAT’S ON SCHEDULE, BUT TO SCHEDULE YOUR PRIORITIES.”

-Stephen R. Covey

About ScheduleBot

- Tired of juggling multiple tools to stay organized? Enter ScheduleBot, the all-in-one scheduling solution built right into Discord! Create, edit, and manage events effortlessly without leaving your favorite platform. With features like calendar syncing, real-time weather updates, and automated time optimization, ScheduleBot ensures you're always one step ahead.
 - Perfect for teams and individuals alike, ScheduleBot transforms productivity by centralizing event planning within Discord. From avoiding scheduling conflicts to offering intelligent suggestions and mood-based recommendations, it's your go-to tool for staying organized and in control—all in a familiar, seamless interface.

Key features

- **Adaptable Event Management** : Easily organize, modify, or remove events directly in Discord, with integrated calendar syncing and detailed history tracking.
 - **Advanced Planning Tools** : Get access to weather forecasts for current and future events, paired with Google Maps links for streamlined travel planning.
 - **Detailed Event History** : Keep a record of past events through an accessible history feature, promoting accountability and quick referencing.
 - **Smart Question Assistance** : Our Discord ScheduleBot Utilizes AI to offer quick, accurate suggestions directly within Discord.
 - **Enhanced Admin Tools** : Simplify calendar management with Google Calendar integration, enabling admins to sync and securely manage event data with ease.
 - **Seamless Event Deletion** : When events are removed in Discord, they are now automatically deleted from Google Calendar as well, ensuring synchronization.

What's New

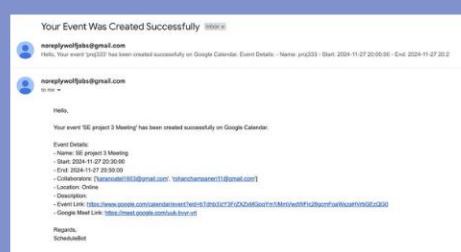
- **Auto-Generated Virtual Meeting Links** : For virtual meetings, the bot automatically generates a Google Meet link and adds it to the scheduled event in the Google Calendar. This ensures users don't have to manually create or share meeting links, keeping everything organized and in sync.
 - **Meeting Notifications via Email** : Whenever a new meeting is scheduled, the bot sends a detailed email to the user including essential information such as the meeting time, a brief description, the physical location (if applicable), and a Google Meet link for online meetings.
 - **Integrated To-Do List Management** : The bot includes to-do list feature that so the users can easily add new tasks, delete completed ones, view the current list of tasks, and clear the list when needed.
 - **Deadline and Reminder** : For tasks added to the to-do list, the bot automatically syncs their deadlines with the user's Google Calendar and provides timely reminders before 60 minutes and 10 minutes ahead of the deadline.
 - **Collaborative Meeting Management** : Automatically sync meetings with multiple participants to Google Calendar, displaying all collaborators and send detailed email notifications to all attendees with meeting credentials.

Future scope

- **Ride Integration for Meetings** : For in-person meetings, ScheduleBot can redirect users to the Uber app or webpage, displaying fare estimates based on the user's current location and the meeting destination.
 - **Class Schedule Integration** : Seamlessly connect the MyPack Portal with ScheduleBot to automatically import a student's class schedule and sync it with Google Calendar.
 - **Rest Time Recommendations** : If a user's daily schedule exceeds a certain time limit, ScheduleBot can suggest appropriate rest periods and even set an alarm to ensure downtime.
 - **Appointment Booking via Calendar** : Generate a shareable Google Calendar link, enabling others to book appointments automatically based on the user's availability.



Total Test cases : 30+



Wolf Developers

Group-63

Karan Shaunak Patel, Rahil Hardik Shukla, Rohan Mehul Champaneri



What is the Smart Units Converter?

Smart Units Converter is a **multi-platform browser extension** that allows easy conversions between different units like currency, time, length and more!

The **modal** allows for easy and quick conversion of on-screen currency and time while still allowing the user to see the screen.

The **pop-up** creates a more expansive conversion experience, doing the conversion of 13 different unit types like angle or energy while including functionality like dark mode or historical data.

Why Smart Units?



- Allows users to get real time conversion of units: length, currency, time, weight, etc.
- Easily deployable to Google Chrome and Firefox!
- Provides a consistent and clean UI with light and dark mode capabilities
- Easy access to historical data for currency data

\$135.99
€ 129.742
£ 108.247
₹ 11465.121
JPY 20968.038
C\$ 190.553
AU\$ 209.482
Fr 120.725
CNY¥ 985.893

11:22 AM
PST: 11/26/2024 8:22:00 AM
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11:22 AM
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CT: 11/26/2024 10:22:00 AM
IST: 11/26/2024 9:52:00 PM
UTC: 11/26/2024 4:22:00 PM
CET: 11/26/2024 5:22:00 PM
ACST: 11/27/2024 3:22:00 AM
HST: 11/26/2024 6:22:00 AM
JST: 11/27/2024 1:22:00 AM
SGT: 11/27/2024 12:22:00 AM
WAT: 11/26/2024 5:22:00 PM

Team 13
Nick Case
Hannah Estes
Satwika Kancharla



M1: Make the Extension Cross-Platform

Make the browser extension useable on both Google Chrome and Mozilla Firefox

M2: Distinguish between Ambiguous Currency

Some currencies around the world use the same currency symbols like the US Dollar and the Canadian Dollar, but they have different conversion rates and need to be distinguished.

M3: Update Extension UI

General updates to the UI of the extension, including standardizing the size of the popup, removing the "view-all" button once click and other miscellaneous changes

M4: Create Additional Time Zones for Conversion

Additional times zones were added to convert to when selecting times using the modal, allowing for a more information for the user.

M5: Custom Themes & Persist Dark Mode

Allow for more customizability within the extension with custom themes and a dark that can persist after closing the browser.

Tests
244 passing tests!

Code Coverage
92%

Convertor Custom Favourite History

History

Select Date: mm / dd / yyyy
Base Currency: USD
Target Currency: EUR
Amount: 1
Convert Using Historical Rate

Convertor Custom Favourite History

History

Select Date: mm / dd / yyyy
Base Currency: USD
Target Currency: EUR
Amount: 1
Convert Using Historical Rate

M MONEYMANAGER

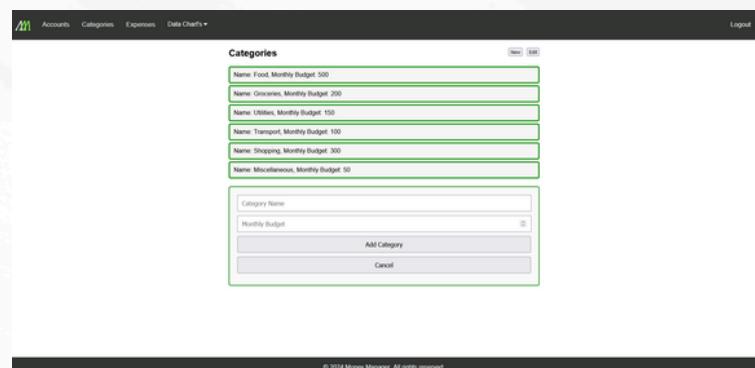
PRIOR IMPROVEMENTS

- Web App:** The new web app allows for users to access our services without the need for clunky, confusing API requests!
- External File Support:** Users can import and export data through supported file types like Microsoft Excel.
- Discord bot:** proof-of-concept Discord bot to allow users a convenient way to manage their money!



PROPOSED IMPROVEMENTS

- Budget Planner:** Allow users to create a budget for future costs and earnings
- Improve add/bots:** add and complete bot functionality on Discord, Telegram, and other platforms
- UI Updates:** It works, but it could be better! Overhaul the UI and add some pizazz.



CURRENT NO. OF TESTS: 132



META FIT 2.0

Existing features for Version i

1) Recommendation System for Exercises

An exercise recommendation system which provides different types of exercises to the user based on the users difficult preference of beginner, intermediate and expert. Using the exercise ninja API the exercises can be feteched and recommended to the users.

2) Water Intake Tracker

Tracking the amount of water that is being consumed by a user in a day by an interactive interface by choosing how many glasses of water are consumed till the time of the day. This will help keep the record and track the water drank during that instance to not forget it. An interactive design is made to make users engaged in the section and thus increasing the time spent of users on the website.

3) Seamless User Interface

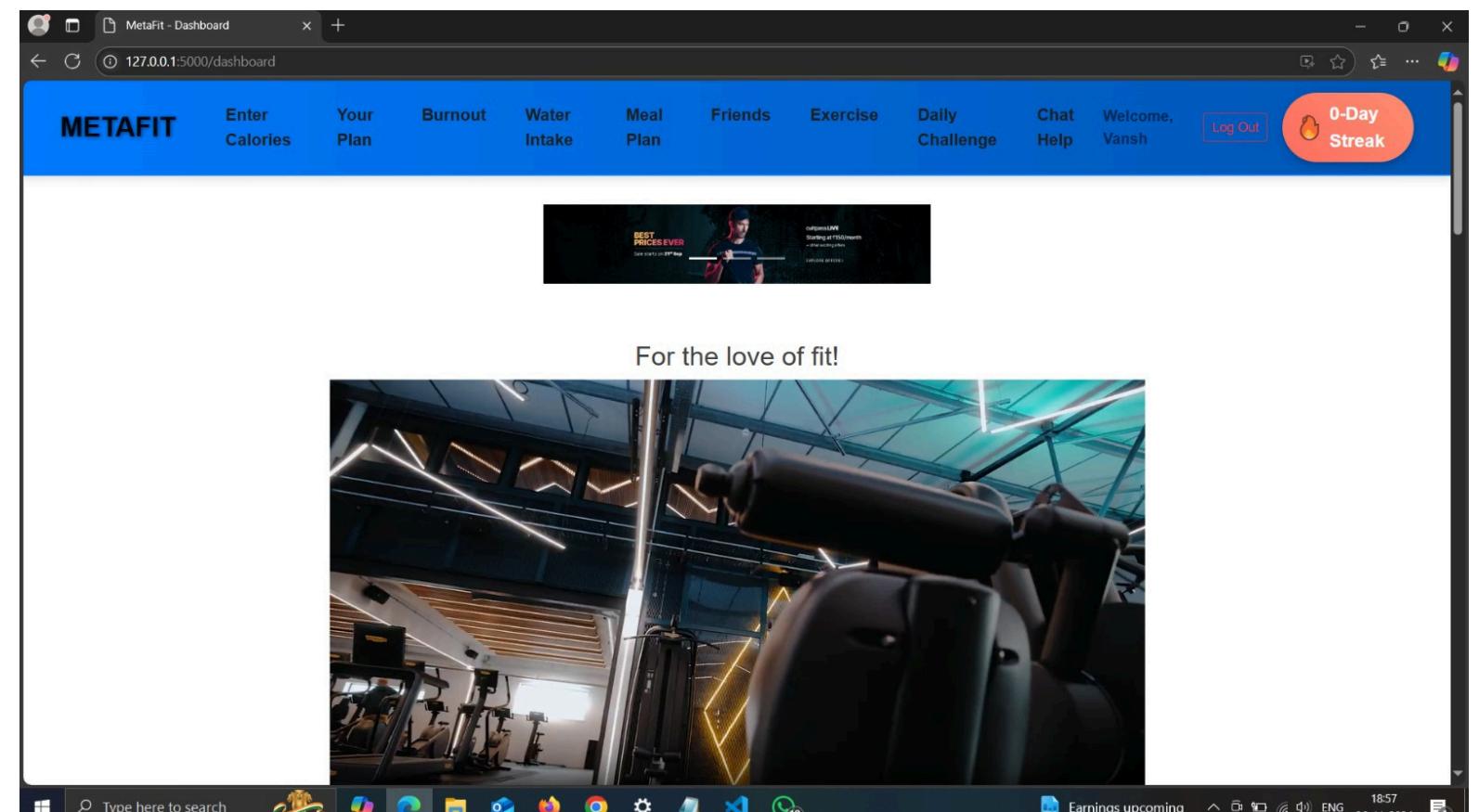
The User Interface is now made responsive and is interface is now compatible for devices of every screen configuration. The interface is now more visually appealing and easily navigating, so that the user can reach to any web page on the website with ease. This makes user invest more time on the webpages.

4) Bugs Resolution

Various bugs present in the previous version of Metafit are now resolved and in working condition. The bugs in different features and user interface are fixed to provide a more dynamic platform for retaining the continuous usage of the users.

5) Ease of Access

Certain features are made easily accessible so that they are now quick for the user. The features like calorie and water intake are now made accessible faster so that the user can just update it and continue with several other task. This ease of access makes the user want to use the website more.



WHAT IS METAFIT 2.0?

It is a scalable platform aimed to smoothen the fitness journey. It lets users achieve their fitness goals by keeping track of water intake and daily challenges, receiving recommendations based on body parts and level of workout and creating daily plans related to food and more.



Implementation milestones for version i+1

1) Data Analytics and Insights Dashboard

Create a web page where user can view a track record of previous trends about calorie intake, weight gained/lost, goal completion analysis and more which could help them follow plans/diets accordingly.

2) Real-Time Fitness Sync: Auto-Sync Your Wearables!

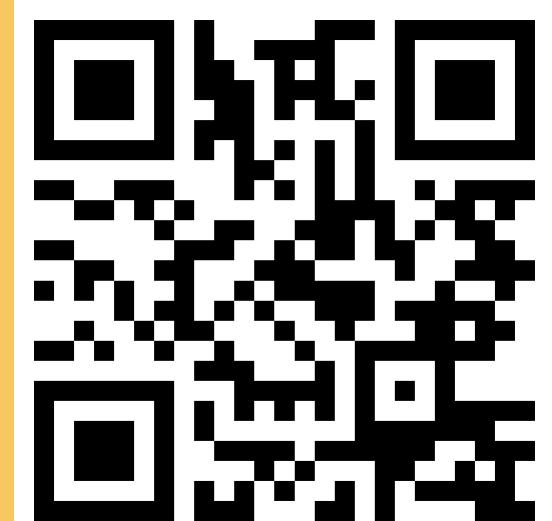
A comprehensive picture of your fitness journey may be obtained by seamlessly connecting your fitness tracker (such as Fitbit), which will automatically log calories, workouts, and activity levels in real-time. Take advantage of immediate updates without having to deal with manual entry, allowing you to concentrate on reaching your objectives.

3) Integration of Nutritionist/Expert Consultations

Provide users with access to expert guidance by incorporating a platform that allows them to schedule sessions with fitness or nutrition specialists straight from the app. This would enable consumers to get individualized wellness, fitness, and nutrition advice.

4) Multi-language Support

To reach a larger audience, provide multilingual functionality to the app. METAFIT can increase user engagement and adoption worldwide by reaching people from diverse geographical areas by offering information in several languages.



SCAN FOR VIDEO

SCAN FOR REPO



NCSU CAMPUS JOBS System 3.0



NC State Campus Jobs

Home About Contact Welcome, dhshah3 NC State Campus Jobs

Home About Contact Welcome, dhshah3 NC State Campus Jobs

Home About Contact Welcome, dhshah3

The screenshot shows the homepage of the NC State Campus Jobs system. It features a header with the university's name and the system's title. Below the header is a banner with the text "Discover Campus Opportunities" and "Explore, Apply, and Grow with NC State Jobs". There are three main call-to-action buttons: "Add Review" (Share your experience with others!), "View Reviews" (See what others are saying about opportunities.), and "View Jobs" (Find your next big opportunity.). The central part of the page displays a table of job listings with columns for Job Title, Job Description, Department, Location(s), Hourly Pay, Employee Benefits, Review, Rating, Recommendation, and Upvotes. The table includes several entries with sample data. On the right side, there is another banner for "Discover Campus Opportunities" with buttons for "Add Job" (Post a job opening for students.) and "View Applicants" (See who's applying for your openings.). The footer contains copyright information and links to Privacy Policy and Terms of Service.

DESCRIPTION

- Platform Overview: Campus Jobs connects NCSU students with on-campus job opportunities through reviews and job listings.
- Key Features: Includes salary filtering, review upvoting, email alerts for new jobs, and a modern, mobile-friendly UI.
- Tech Stack: Built using Python, Flask, HTML, CSS, JavaScript, and SQLite, with Docker for easy deployment.
- Employer Support: Employers can post jobs, manage applications, and reach out to candidates efficiently.
- Deployment: Dockerized for easy setup and management.
- Employer Features: Employers can post jobs and manage applications.

NEW FEATURES

Some of the New Features added include:

- Upvote Reviews: Users can now upvote reviews, helping to highlight valuable and insightful feedback. This feature boosts the visibility of high-quality content, ensuring that the most helpful reviews are easily accessible to future users.
- New Job Alert via Email: A new email notification system has been introduced to alert users about new job postings. This ensures users are promptly informed of relevant opportunities, keeping them up-to-date with the latest job openings that match their interests and qualifications.
- Inappropriate Word Filtering in Reviews: An automated mechanism has been added to detect and remove inappropriate words from reviews. This helps maintain a respectful and professional platform, ensuring all content adheres to community standards.
- Job Filter by Salary: Users can now filter job listings by salary, making it easier to find positions that match their compensation expectations. This feature saves time by allowing users to quickly narrow down job opportunities based on their preferred salary range.
- Dynamic Search for Reviews: A dynamic search functionality has been added to allow users to search and filter reviews based on specific keywords and criteria. This feature enhances usability by enabling users to quickly find the most relevant reviews for their needs.
- Complete UI Revamp: The user interface has been completely redesigned, offering a more modern and user-friendly layout. With improved navigation and a more intuitive design, the revamp ensures a seamless experience for users across both desktop and mobile devices.

FUTURE SCOPE

Some of the Future Features that can be added To this project Include:

- Allow Detailed Application Submission i.e. allow users to include resumes, CVs, Personal info when submitting an application for a Job.
- Include an AI based Foul/hate speech detection in reviews submitted by users so that it can be excluded automatically.
- Add a profile section for detailed view and to allow students/applicants to update their Information for automatic job applications.
- Add functionality for the Employers to be able to see detailed information about the applicant for each jobs.
- Allow Employers to Add a more detailed Job Post.
- Create a mobile Application for the project.

METHODOLOGY

- Frontend Development: The frontend was designed using HTML, CSS, JavaScript, and Bootstrap to ensure a responsive and visually appealing user interface. The UI underwent a complete revamp, focusing on clean, modern aesthetics with easy navigation. Key features include dynamic elements such as Redesigned Nav-bar, dynamic search for reviews, Improving Home page and interactive job filters based on salary. The layout was optimized for both desktop and mobile devices to provide a seamless experience across platforms.
- Backend Development: The backend of the application was built using Python and Flask, providing a lightweight yet powerful framework to handle various user interactions. New Key features such as sending email notifications for new job alerts and filtering job listings by salary were integrated into the backend. SQLite was used as the database to store user data, job postings, and reviews efficiently. Secure user authentication and data validation were implemented to maintain the integrity of the platform.
- Version Control and Collaboration: All code was managed and versioned using GitHub, enabling effective collaboration and seamless version control throughout the development process. Regular commits and pull requests were made to track progress and integrate new features efficiently.
- Testing and Quality Assurance: The platform underwent rigorous testing to ensure that all functionalities worked as intended. Testing was conducted to verify the accuracy of job filtering, the upvoting mechanism for reviews, email notification system, and content moderation tools. Edge cases and user scenarios were also tested to ensure robustness and reliability across all features.



MONEY MANAGER V2

Newer and Better

Meet Your Money Manager

Money Manager V2 is a dynamic and versatile financial management platform designed with a robust REST API architecture and powered by MongoDB, ensuring efficient client-server interactions and seamless cross-platform compatibility. The platform supports multiple currencies, checking and savings accounts, and provides secure user authentication using the OAuth 2.0 protocol to protect sensitive data. Users can effortlessly retrieve their detailed expense history, delivered as Excel, CSV, or PDF reports directly to their email, enhancing accessibility and user convenience.

Coding Arsenal



mongo DB



Test Cases: 160+ cases

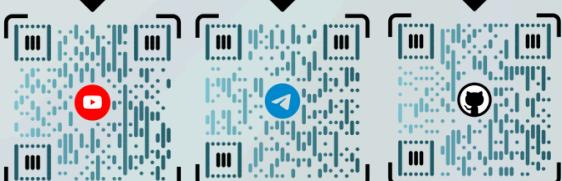
Innovation Ahead

- Group Expense Management:** The introduction of group expense management functionality will enable users to create and manage shared expenses across multiple participants. This feature will cater to scenarios such as splitting bills, organizing group events, or managing shared household expenses. It will enhance collaboration and provide users with precise tracking and reconciliation tools for shared financial activities.
- Voice integration:** Simplify interactions with the platform by integrating voice command functionality. Users can add expenses, query their budgets, or request financial reports using voice assistants like Alexa, Google Assistant, or Siri, making financial management more accessible and convenient.
- Gamification:** Add gamification elements like achievement badges for reaching savings milestones, weekly challenges to encourage reduced spending, and leaderboards for group expense tracking. These features enhance user engagement, making financial management interactive and motivating users to build better spending habits.
- Alerts & Notification:** Enhance user experience by implementing smart alerts and notifications. These could include alerts for overspending in specific categories, and updates on budget performance, helping users stay on top of their finances with minimal effort.
- Rest API & Telegram Bot Enhancement:** Upgrade the REST API and Telegram bot to support more advanced functionalities, including custom, personalized recommendations, and multi-language support. These improvements will ensure a seamless, responsive, and adaptable financial management experience across platforms.

Demo!

Telegram

Repo!



Project Evolution

- Database Migration:** The database was migrated from a JSON-based structure to MongoDB, significantly enhancing data storage efficiency, scalability, and query performance. This migration provides a robust and flexible backend infrastructure capable of accommodating complex queries and managing large datasets, ensuring a more efficient and reliable system.
- Custom Date Reporting Functionality:** Advanced reporting features were introduced, enabling users to query expenses within selected date ranges and generate detailed reports in Excel, CSV, and PDF formats. These reports are generated using libraries such as ReportLab and can be easily downloaded through the Telegram bot. This functionality enhances accessibility, offering users comprehensive financial insights and a streamlined management experience.
- Budget Setting:** A budgeting feature was introduced, allowing users to set a budget for each newly created expense category. This functionality provides a practical tool for users to monitor and control their spending within predefined limits, encouraging better financial discipline.
- Authorization:** Secure login and signup functionalities were implemented, ensuring a seamless onboarding process for new users. These features enable secure access to personalized financial data while delivering a user-friendly authentication experience.
- REST API Development:** The codebase was entirely refactored to adopt a REST API architecture, integrating with a new MongoDB database. This transformation improves client-server communication efficiency, ensures cross-platform compatibility, and simplifies the integration of financial management features across multiple platforms, delivering seamless and adaptable user experiences.
- Multi-Account Support:** The platform was upgraded to allow individual users to manage multiple accounts, addressing diverse financial requirements such as personal, business, or savings accounts. This enhancement provides users with greater flexibility and a holistic view of their financial data within a single system.
- Receipt Scanning:** Receipt scanning functionality was implemented, enabling users to scan and upload receipts directly into the system. This feature streamlines the process of adding expenses, saving time and reducing manual data entry efforts.
- Email Integration:** Email integration was implemented, allowing users to receive detailed financial reports, including PDF, Excel, and CSV formats, directly in their email. This feature enhances accessibility and convenience by providing users with a reliable way to access and manage their expense history, even outside the platform.
- Global Currency Support:** The platform now includes global currency support, allowing users to add, update, or delete currencies as needed. This feature enhances the platform's versatility and accommodates users who manage finance in multiple currencies, ensuring accurate and seamless financial tracking.

GROUP 27: GIT SET GO PACK

- Abhishek Rao (arao23)
- Umang Difyora (udifyora)
- Astha Bhalodiya (abhalod)

SLASH

SLASH YOUR SPENDING, NOT YOUR STYLE

WHAT IS SLASH?

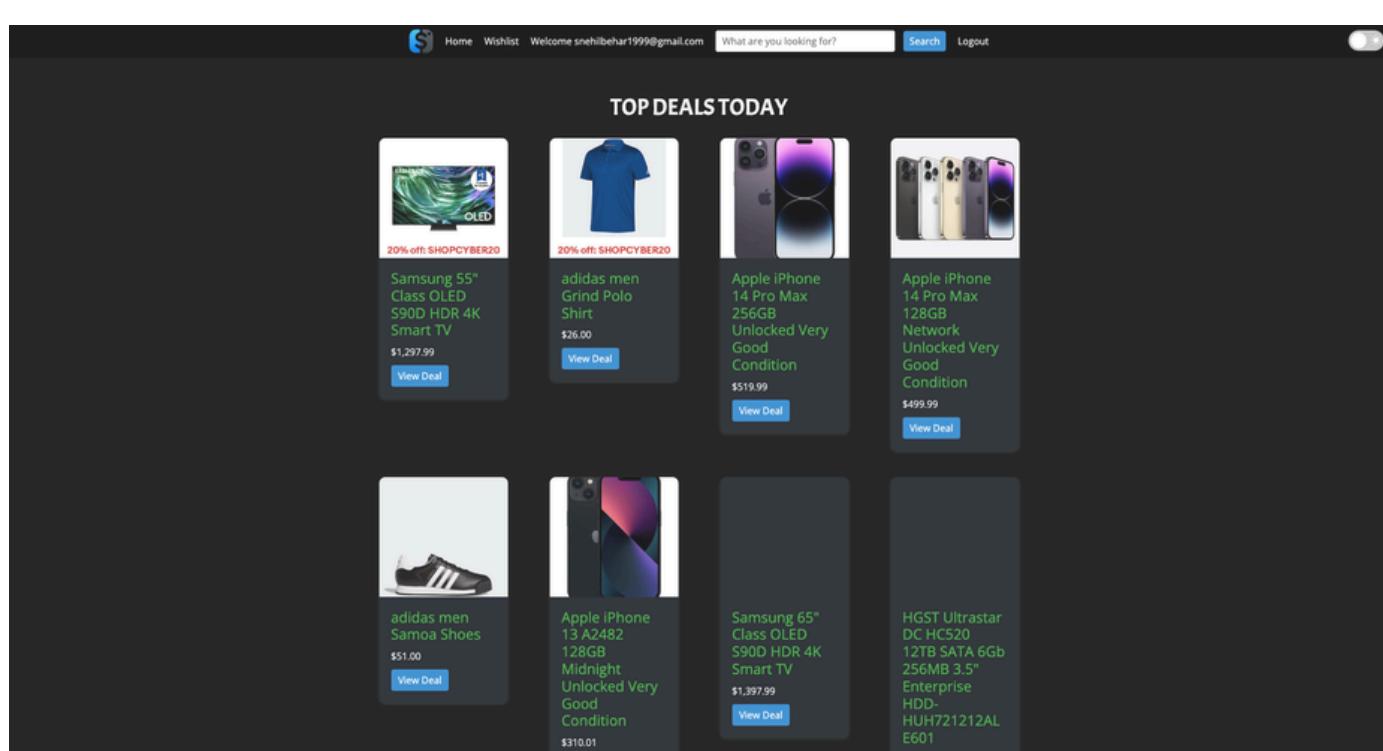
Slash is a web-scraping tool that aggregates the best deals from leading e-commerce platforms.

- Fast: Save time by comparing deals across websites instantly.
- Easy: Use straightforward commands to filter and sort items.
- Powerful: Tailor your searches to get precise results quickly.

**WALMART, AMAZON, TARGET
BESTBUY, ETSY
AND MORE...**

FUTURE SCOPE

- 1) AI Chatbot: Integrate a chatbot to suggest products based on user preferences.
- 2) Price Tracking: Track prices over time and alert users to changes.
- 3) Coupon Scraping: Automatically find and apply discounts for users.
- 4) Wishlist Recommendations: Offer product suggestions based on Wishlist items.
- 5) Product Comparison: Allow users to compare features of similar products.



NEW FEATURES

1) MongoDB Integration

- Migrated to MongoDB to boost performance, scalability, and data management efficiency, ensuring a smoother and faster user experience.

2) Wishlist Feature

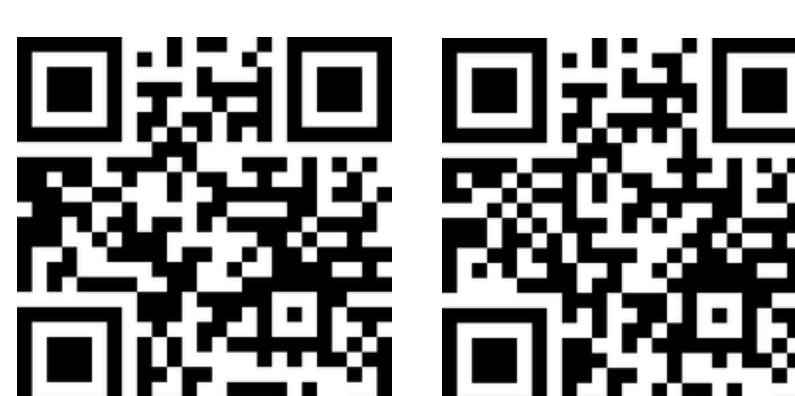
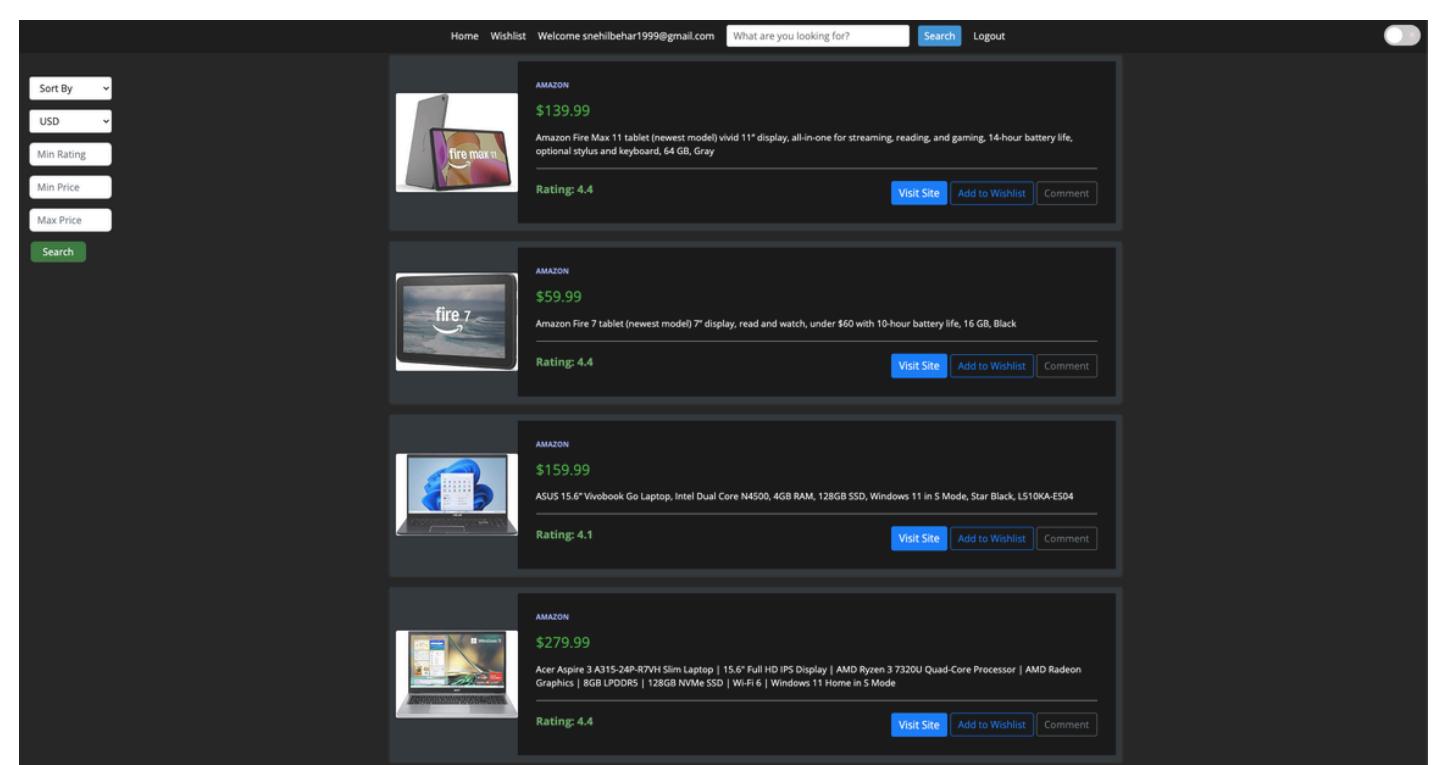
- Introduced a Wishlist feature that allows users to save and organize their desired products, making shopping more convenient.

3) Deals of the Day

- Added a "Deals of the Day" section on the homepage that dynamically scrapes and displays fresh, daily updated deals to keep users engaged.

4) UI and Bug Fixes

- Enhanced the homepage UI for a polished look and feel. Resolved issues with filtering, sorting, Wishlist functionality, and the comment system to improve usability and performance.



VIDEO

REPO

Team 72
Devang Saraogi
Om Tandel
Snehil Behar

Github link: <https://github.com/SE-Fall-2024-Team-69/RecipeRecommender>

Ayush Gupta- agupta86@ncsu.edu

Yaswanth Baddi – ybaddi@ncsu.edu

Yaswanth Mullamuri- vmullam@ncsu.edu

RECIPE RECOMMENDER
CRAFT YOUR PERFECT DISH,
ONE INGREDIENT AT A TIME
TEAM #69 YASWANTH B,
AYUSH, YASWANTH M

1 Integrated Calorie Count
Now featuring calorie info on every recipe card, our platform helps you track intake and make healthier choices with ease—perfect for fitness goals or dietary needs.

2 Expanded Recipe Collection
Our expanded database, powered by OpenAI's API, offers diverse recipes with calorie breakdowns, catering to all tastes and dietary needs.

3 Advanced Filters
Finding the perfect recipe is now easier with improved filters, allowing users to search by specific ingredients, dietary preferences like vegan, vegetarian, or non-vegetarian, and preparation time. These enhancements make the Recipe Recommender more flexible and convenient, catering to your lifestyle and schedule.

4 Enhanced Bookmarking Feature
Bookmarking recipes is now seamless—can remove favorites directly from the bookmarks page, making management faster and more intuitive.

5 What's Next?
We can add features like dynamic meal plans tailored to preferences, step-by-step cooking tips to guide you, and interactive shopping lists to simplify grocery planning, making cooking more enjoyable and healthier.

Total score :- **268**

CAMPUS JOBS REVIEW SYSTEM

Finding on-campus jobs made easy!



ABOUT THE APP

The Campus Job Review System is a platform that simplifies the job search and application process for students. It allows candidates to track applications, share their experiences, and apply for jobs posted by recruiters. Recruiters can log in to manage job postings, adding or removing opportunities effortlessly. Together, it fosters a seamless connection between students and employers, enhancing career opportunities.

NEW FEATURES ADDED

- Job Application Tracker:** Add job links, application dates, and current statuses to track all your applications in one place and stay organized during your job search.
- Recruiter Login:** Recruiters have a separate login to manage job postings, including adding, viewing, and deleting listings, ensuring a smooth hiring process.
- Candidate Job Applications:** Candidates can view available job postings and apply directly through the platform, while recruiters can access a dedicated section to review applicants.
- Job Experience Sharing:** Candidates can add details about their job experiences, helping peers make informed decisions with real-world insights.
- Enhanced Account Page:** An improved account page design includes additional features like user reviews, email information, and a sleek, user-friendly layout.
- Interview Scheduling:** Recruiters can schedule interviews with candidates directly through the platform, providing updates that candidates can view and manage.



FUTURE SCOPE

Skill Assessment Tests: Introduce integrated assessments to help candidates showcase their abilities to recruiters directly through the platform.

Peer Networking: Add a networking feature where students can connect, share advice, and collaborate on career development.

Review Validation System: Implement a system to verify and validate job reviews, ensuring authenticity and reliability for users.

AI-Powered Job Recommendations: Implement AI to suggest relevant job opportunities to candidates based on their profile, skills, and application history.

TECHSTACK



REPOSITORY



DEMO

40+ TEST CASES ADDED ✓

84% CODE COVERAGE! 💪

Project Demo



GitHub Repo



"Turn your tasks into victories—gamify your workflow with SlackPoint!"

Introduction

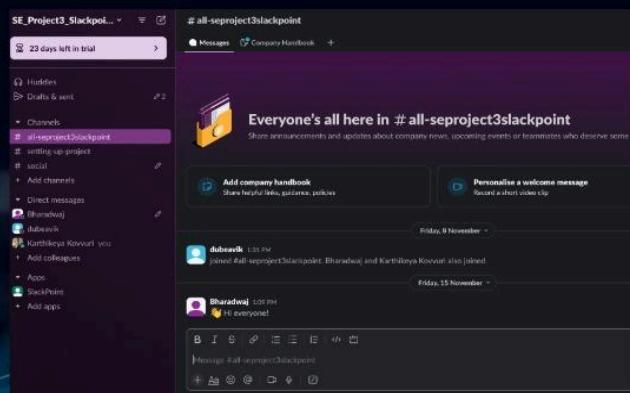
SlackPoint is an innovative Slack integration designed to bring a fun, competitive edge to task management. By gamifying the process of creating, assigning, and tracking tasks, SlackPoint helps users stay motivated and productive while engaging in friendly competition. With SlackPoint, work becomes more than just a task—it's an opportunity to compete, engage, and celebrate accomplishments in a team environment.



Current Features

Dockerized the Flask Application:

Created a Dockerfile to containerize the Flask application, ensuring that the Docker image includes all necessary dependencies and configurations. The image was then hosted on Docker Hub for easy access and deployment.



Kubernetes Configuration:

Created Kubernetes deployment and service YAML files to define how the application should be deployed, we used Minikube to run Kubernetes locally for development and testing purposes.

Integrated with CI/CD Tools:

Used Github workflow to automate the build, test, and deployment process.

Future Scope:

Auto-Suggestions for Task Reassignment:

Implement AI-powered suggestions for reassignment based on workload, availability, or expertise of team members.

Integration with Other Tools: Allow reassignment tracking and updates to sync seamlessly with third-party project management tools like Jira, Trello, or Asana for a unified workflow.

Reaction-Based Polls:

Allow users to vote on task-related decisions (e.g., setting priorities) using Slack reactions.

Example: Vote between Feature A and Feature B

Advanced Kubernetes Servers: While the current version uses Kubernetes with Minikube as a simple server, future versions could explore advanced servers like Skaffold or K3s for better scalability and deployment efficiency.



Group 88 - Avik Dube, Bharadwaj Katna, Srinivasa Karthikeya Reddy Kovvuri

Group 29

1. Sharwari Amol Akre - sakre
2. Shruti Vivek Kulkarni - skulkar6
3. Suyash Sanjay Pustake - spustak

BURNOUT

Your Fitness Journey Starts Here!



Why use Burnout

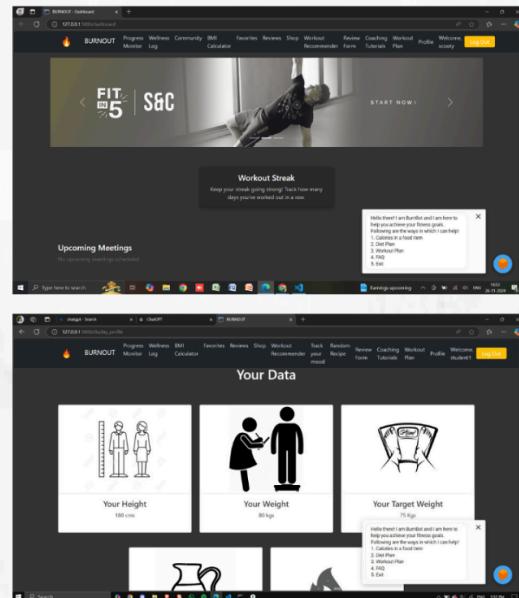
This app is designed to simplify wellness by providing an all-in-one platform for tracking various health metrics. Users can monitor aspects such as water intake and calories burned, enabling them to make informed decisions regarding their health. With innovative features, this app offers a personalized experience like never before, enhancing the user's ability to manage their wellness effectively.

Tech Stack



What's new in Burnout

1. Progress Monitoring : Stay Motivated by daily viewing your fitness journey progress and celebrate every milestone
2. Dual Login and personalized interaction: Students and coaches both have dedicated login options, allowing video uploads and tailored feedback across fitness categories
3. Customized coaching and workout plan: Coaches can provide feedback, assign tailored feedback etc
4. Mood tracker: Include a mood tracker option so users can log how they feel before or after workouts for better Awareness
5. Recipe Suggestions: Provide a selection of healthy, simple recipes within app for users to try based on their fitness goal.
6. Customize Dashboard: Allow users to customize dashboard with features like water intake and calories burnt.



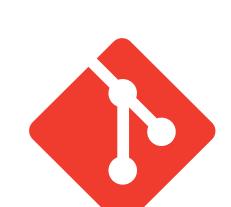
Future Scope

- Diet and Nutrition Tracking: Enable users to log meals, calculate macros, and suggest dietary improvements.
- Predictive Analysis: Use machine learning models to predict weight changes, calorie needs, or water intake recommendations based on user data.
- Goal Progress Tracking: Create a visual timeline showing progress toward fitness goals like target weight or calories burned.
- Smart Recommendations: Suggest workouts, meal plans, or hydration schedules tailored to individual user needs based on their data and goals.

Test cases

- Verify that user data (height, weight, target weight, water intake, calories burned) is correctly fetched from the database and displayed on the dashboard.
- Check if the mood tracker interface is user-friendly and functional
- 50+ Test case completed





git



WOLFTRACKPLUS

TEAM 81 JAYA SHRUTI CHINTALAPATI, SAITEJA LABBA



WHY WOLFTRACKPLUS?

[APPLY NOW](#)


- Tired of job search chaos? Let WolfTrackPlus simplify your journey with organized tracking and streamlined success!
- Stay ahead in your career hunt – never miss a deadline or detail with our all-in-one Job Application Tracker!
- Your job search, made smarter. Say goodbye to spreadsheets and hello to effortless organization with WolfTrackPlus.
- Track, organize, succeed – WolfTrackPlus is your ultimate tool for landing your dream job!



NEW FEATURES

- WolfTrackPlus now features Multi-Factor Authentication (MFA), enhancing the security of your account and personal data.
- WolfTrackPlus now includes geo-tagging capabilities powered by the OpenCage Geocoder API.
- Salary Insight and Comparison feature in WolfTrackPlus empowers users with data-driven tools to make informed career decisions by comparing salary packages across applied jobs.
- WolfTrackPlus leverages AWS (Amazon Web Services) to provide a robust and scalable database solution, ensuring secure, reliable, and efficient data storage and management for users.
- Data Export/Import feature in WolfTrackPlus makes it easy for users to manage their job application data across multiple platforms and devices.

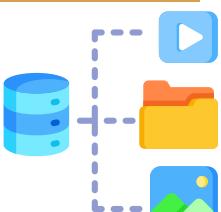
FUTURE IMPLEMENTATION



- ChatGPT Integration: Get AI-driven resume tips and suggestions.
- Job Skills Extractor functionality: for enhanced job matching.
- Resume Parser: Analyze and optimize resumes with actionable insights.
- Deadline Reminders: Auto-send email alerts for upcoming deadlines.
- Job Skills Extractor: Extract key skills for better job matching.
- Job Skills Extractor functionality: for enhanced job matching.

TESTING 90+

- Our project features extensive testing with over **90** new test cases to ensure reliability and resilience. The suite includes DAO operations (insert, update, fetch, error handling), email services (SMTP failure handling), and security checks (SQL injection, input validation).

Github link- <https://github.com/CSC510-SE-SAITEJA-MADHUMITHA-SHRUTI/WolfTrackPlus>

APPLICATION SCREENSHOTS

The screenshot displays the WolfTrack application interface. It includes a dashboard with user profile information (saiteja, Male, North Carolina), a timeline chart for applications per month, and sections for Wish List, In Process, Applied, Offers, and Upcoming Events. A map shows job application locations across the United States and Mexico.

Your WolfTrack++ Login OTP [External](#) [Inbox](#)

wolfttrackproject@gmail.com
to me ▾

Hello,

Your OTP for logging into WolfTrack++ is: 519294

This OTP is valid for 30 seconds.

Regards,
The WolfTrack++ Team

Verify OTP

[VERIFY OTP](#)

POSTER



The poster for PopcornPicks features a large orange header "PopcornPicks" with a popcorn icon. Below it is a curved orange banner with the text "NEVER RUN OUT OF OPTIONS". The main interface shows a "Pick a Movie!" section with a tip about selecting up to 5 movies for a tailored watchlist. A "Selected Movie(s)" section shows a search bar and the movie "Fight Club (1999)". A movie card for "Freerunner (2011)" is displayed with a "Write a review" button. An arrow points from the "Selected Movie(s)" section to the "And receive tailored movie picks!" section, which includes a movie poster for "Freerunner". The poster also includes sections for "What's new?", "What next?", and "Implementation Goals", along with QR codes for demo and repository.

PopcornPicks

Choose from thousands of movies!

Pick a Movie!

Tip: Select Up to 5 movies to get a tailored watchlist

Selected Movie(s):

Search for a Movie

Fight Club (1999)

Freerunner (2011)
87 minutes
Write a review

And receive tailored movie picks!

What's new?

Connect with people!
Interactive web design that allows users to like/dislike movies

Let AI make your picks!
NL-powered prediction model delivers curated picks in seconds

Save time scrolling!
Sorting feature instantly organizes picks by runtime to meet user needs

What next?

Customize Results
Implement advanced sorting and filtering options to refine predictions quickly, such as by genre, release year, or user-defined preferences.

Share Your Picks
Enable users to rate movies in their list and introduce a feature to share recommendations or lists directly with other people.

Discover Hidden Gems
Introduce a feature that highlights lesser-known movies tailored to the user's preferences, helping them explore beyond mainstream options.

Implementation Goals
Use HTML/CSS to build an intuitive UI for filtering and sorting options. Develop backend logic with python to handle dynamic filters and personalized sharing. Learn ML based recommendation algorithms to make "hidden gem" movie suggestions.

105 Test Cases

99% Statement Coverage

HTML CSS JS Python

DEMO REPO



Enigma

Intelligent Discord Music Bot

Group #19 Leslie Liu, Yi Ting Hou,
Deepak Sai Pendyala

A screenshot of a Discord channel interface for the Enigma bot. It shows a list of songs in a queue, starting with "Never Gonna Give You Up" by Rick Astley. The interface includes standard Discord controls like play/pause, volume, and skip.



WHAT IS ENIGMA



Enigma is a music bot for Discord designed to enhance how users interact with and enjoy music in their servers. It provides a shared space for listening, combining robust playback controls with the ability to recommend, organize, and manage music seamlessly. Tailored for collaborative and immersive experiences, Enigma integrates advanced audio capabilities and user-friendly features, making it an essential tool for music lovers.

WHY ENIGMA?



Easily play songs, create and manage queues, and get song recommendations all within your own Discord server. Seamlessly control your listening experience by queuing up tracks, shuffling playlists, and skipping songs. Effortlessly find songs that match your mood or preferences and enjoy music together with your friends in real-time. Dive into a shared musical journey, with all the tools you need to enjoy, organize, and discover music in one convenient space!

KEY FEATURES



- 🎵 Recommend songs based on user preferences and play them on Discord voice channel.
- 👥 Can be used by teams/friends to listen to the same songs together.
- 🔊 Acts as an amplifier – play the same music on multiple speakers for a surround sound effect and increased volume output.
- ⏸ Ability to toggle music pause/resume effortlessly.
- 🎶 Ability to play custom songs without having to search for them on YouTube.
- ▶️ Ability to switch back and forth between songs for seamless playback.

WHAT'S NEW!



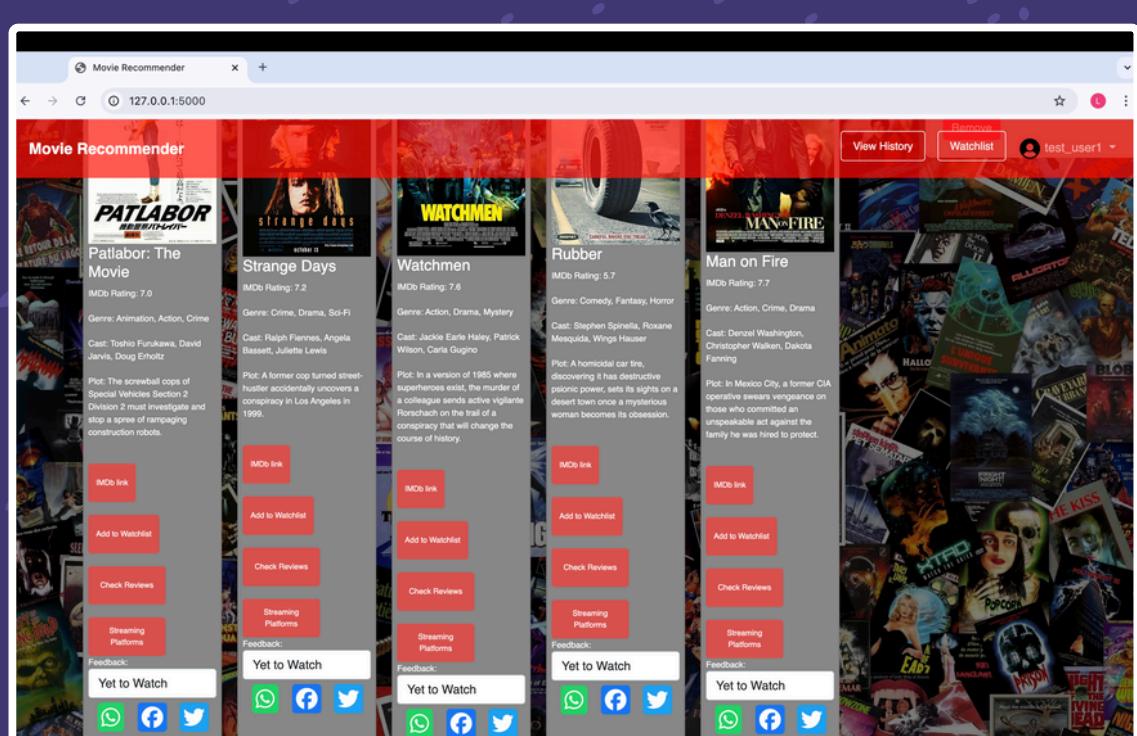
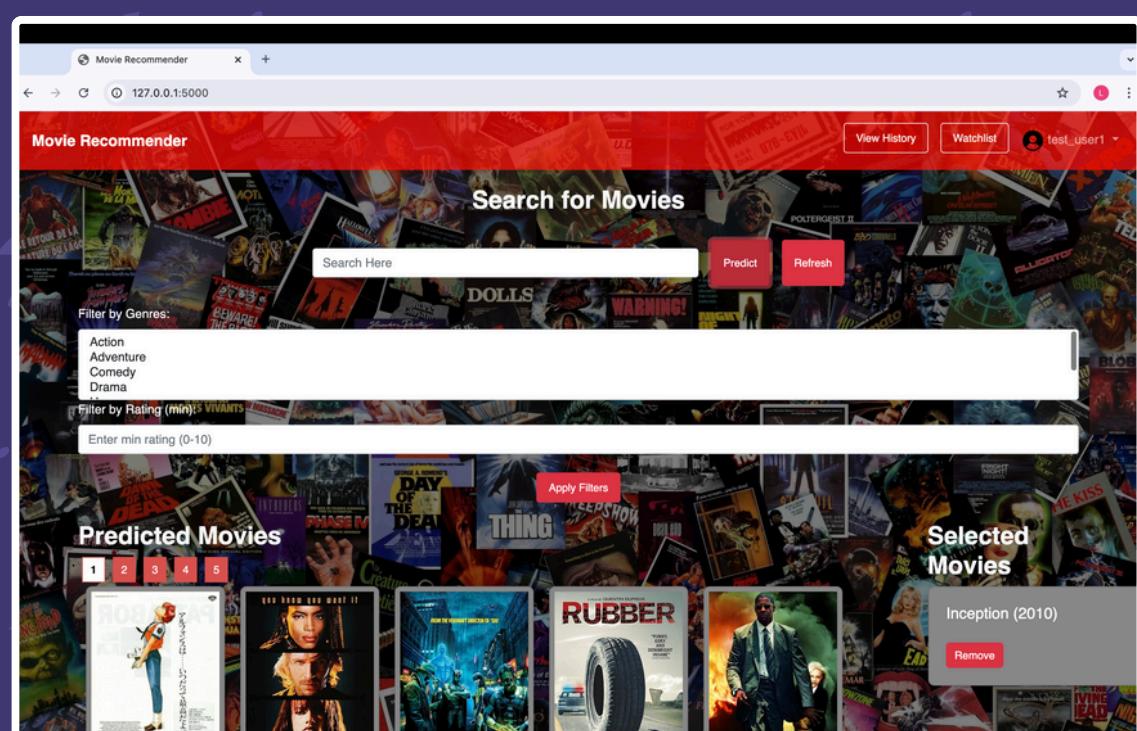
- 🎧 Choose Your Source: Stream from YouTube (yt) or SoundCloud (sc) with ease!
- 🔗 Add Songs Instantly: Simply paste the URL to queue your favorite tracks.
- 🎵 Accurate Song Titles: Played songs automatically update with official titles from websites for easy recognition.
- 🔍 Spotify-Powered Searches: Find the exact song you want using Spotify's accurate search info!
- 🔊 Volume Control: Take full control of the volume for the perfect listening experience.
- ⭐ Enhanced Music Quality: Enjoy superior sound for every beat and melody.
- 📝 Improved Code Logging and Debugging: Streamlined and efficient logging for seamless troubleshooting and performance monitoring.
- ✅ Enhanced Code Coverage and Testing: Comprehensive test cases ensure reliability and maintainability of the bot.



FILMIFY

WHY FILMIFY?

Elevate your movie nights with **Filmify**, the app that knows your taste! Get personalized movie recommendations based on what you love, explore films across all genres and ratings, and enjoy trailers, reviews, and streaming options—all tailored just for you. Build your own watchlist to share or keep, and refine your experience with feedback. With a sleek design and seamless features, **Filmify** turns every movie search into a cinematic adventure!



WHAT'S NEW?

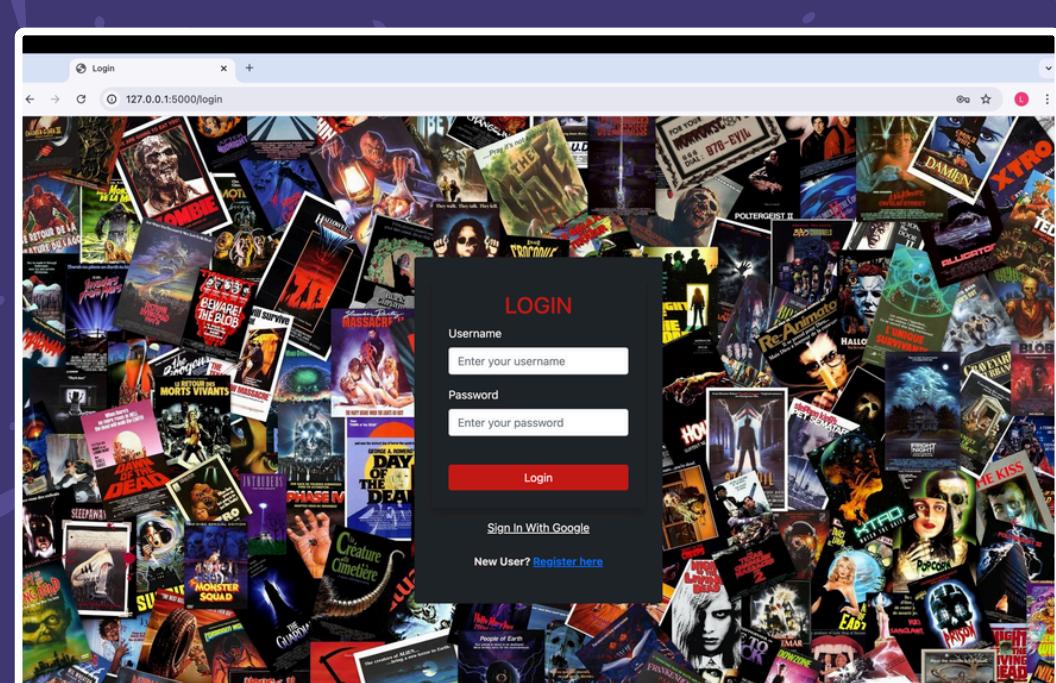
- Share with Friends:** Share your favorite movies or watchlists instantly on Facebook, WhatsApp, and Twitter with just a click!
- Enhanced Movie Details:** Access comprehensive movie details, including IMDb links for films and actors, and enriched descriptions. Dive deeper into your favorite movies effortlessly!
- One-Click Login:** Log in effortlessly using your Google account for quick access to all features without needing to remember multiple passwords.
- UI Improvements:** Experience our newly redesigned user interface with an updated navbar and menu, enhancing navigation and providing improved page responsiveness for a seamless experience across devices.
- Endless Recommendations:** Explore even more movie recommendations with our new pagination feature. Scroll through curated suggestions effortlessly and never run out of options to watch!

FUTURE SCOPE

- Watch Before You Watch:** Start your cinematic journey with just a click—watch trailers and feel the magic unfold.
- The Ultimate Movie Party Planner:** Effortlessly create group watchlists for friends and family to discover, share, and enjoy movies as a team.
- Movie Forums:** Join the conversation! Share reviews, discuss favorites, and connect with movie lovers in a dynamic community space.
- Regional Movie Trends:** Discover movies trending in your region or country for a localized, more relatable viewing experience!

151 TESTS ENSURING RELEASE CONFIDENCE

GROUP 40
HABIB MOHAMMED
LINGJUN LIU
LAWRENCE ARKOH



Flask



SQLite

CAMPUS JOBS REVIEW SYSTEM

Finding on-campus jobs made easy!



ABOUT THE APP

The Campus Job Review System is a platform that simplifies the job search and application process for students. It allows candidates to track applications, share their experiences, and apply for jobs posted by recruiters. Recruiters can log in to manage job postings, adding or removing opportunities effortlessly. Together, it fosters a seamless connection between students and employers, enhancing career opportunities.

NEW FEATURES ADDED

- Job Application Tracker:** Add job links, application dates, and current statuses to track all your applications in one place and stay organized during your job search.
- Recruiter Login:** Recruiters have a separate login to manage job postings, including adding, viewing, and deleting listings, ensuring a smooth hiring process.
- Candidate Job Applications:** Candidates can view available job postings and apply directly through the platform, while recruiters can access a dedicated section to review applicants.
- Job Experience Sharing:** Candidates can add details about their job experiences, helping peers make informed decisions with real-world insights.
- Enhanced Account Page:** An improved account page design includes additional features like user reviews, email information, and a sleek, user-friendly layout.
- Interview Scheduling:** Recruiters can schedule interviews with candidates directly through the platform, providing updates that candidates can view and manage.



FUTURE SCOPE

Skill Assessment Tests: Introduce integrated assessments to help candidates showcase their abilities to recruiters directly through the platform.

Peer Networking: Add a networking feature where students can connect, share advice, and collaborate on career development.

Review Validation System: Implement a system to verify and validate job reviews, ensuring authenticity and reliability for users.

AI-Powered Job Recommendations: Implement AI to suggest relevant job opportunities to candidates based on their profile, skills, and application history.

TECHSTACK



REPOSITORY



DEMO

40+ TEST CASES ADDED ✓

84% CODE COVERAGE! 💪

YOUR CAMPUS JOB MATCHMAKER - WOLFJOBS



Group84 Gokul Ramesh, Haricharan Bharathi, Raghunandan Mante

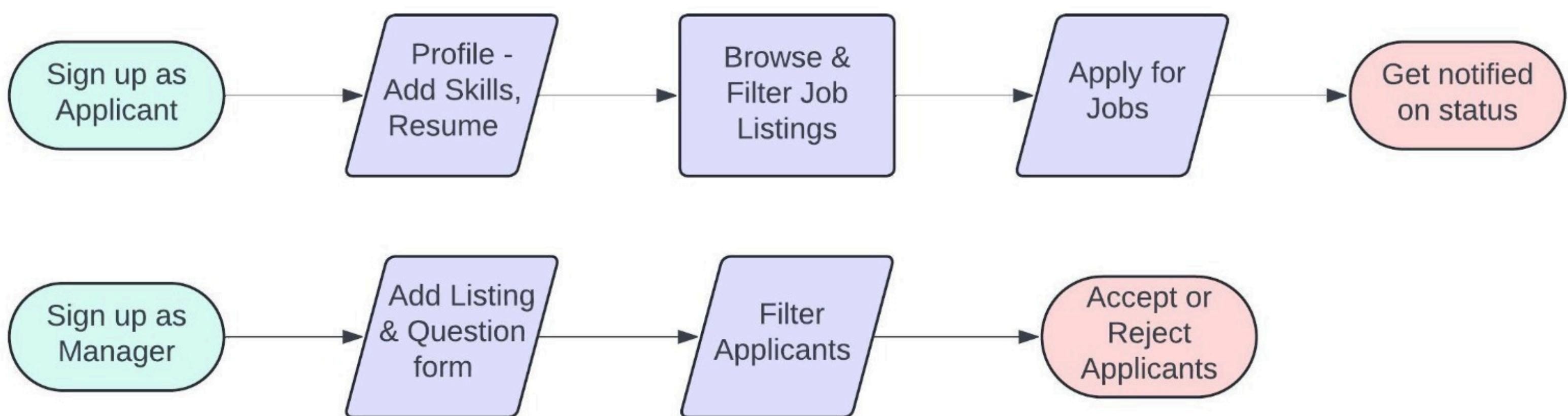
Introduction

Need help finding a job on campus? Need to find a suitable employee? WolfJobs is a job portal that connects recruiters with candidates looking for temporary or full-time opportunities. It offers features like seamless resume upload, searching / finding jobs based on filters and a notifications tab for real-time updates. Also now allows you to upload video, manage shifts and appointment scheduling.

Tech Stack



Flow Chart



Enhancements

- Interview appointment scheduling
- Part-time job shifts tracking and management for employees and employers
- Applicant video submission for screening
- Job analysis for employers to decide on pay and other perks to offer for the job.

Future scope

- Add feature to edit and update shifts
 - Add features for manager to compare similar profiles
 - Add feature to generate payment slips biweekly based on hours worked.
 - Add chatbot for help using the software
- Improve Session Management.



Demo Video



Github Repo



Software Video

The screenshot shows the software interface for managing shifts and appointments. At the top, there are navigation links: WOLFJOBS, My Applications, My Shifts (highlighted), All jobs, Profile, Upload Resume, Upload Video, Check In-Out, Notifications (0), and Log Out. Below this is a table titled 'My Shifts' with columns for Applicant ID, Check In, Check Out, and Duration (hours). The table lists several entries. Further down, there's a section titled 'Manage Appointments' with a 'Create Slots' form. The form includes fields for Recruiter ID (6738aed52d6cc0798c78041a), Date (dd-mm-yyyy), Start Time, End Time, and a 'CREATE SLOT' button. On the right side, there are 'Profile' and 'Log Out' buttons.

WOLFTRACK 7.0

NC STATE
UNIVERSITY

GROUP 50 - UDDHARSH VASILI, SAI VINEEL REDDY MARREDDY, CHANDRAKANT KONETI

ABOUT WOLFTRACK

WolfTrack is the ultimate platform designed to simplify and streamline the process of managing your internships and job applications. With WolfTrack, you can effortlessly organize your opportunities, keep track of critical deadlines, and receive customized tips to enhance your resume for each application. The user-friendly interface ensures a seamless experience, allowing you to focus on your career goals without worrying about disorganized notes or missed opportunities. Take control of your application process and start your journey toward a successful career with WolfTrack today!

Key-Functionalities before update

Students can easily log in or sign up to efficiently manage their job applications and track the progress of each one through an intuitive dashboard. The platform also allows users to access associated questionnaires, ensuring a seamless and organized application process. Additionally, students have the option to analyze their resumes, receiving insights and suggestions to enhance their quality. This feature enables users to tailor their resumes to better match job requirements, increasing their chances of success. Overall, the system provides a comprehensive solution for students to stay on top of their career opportunities.

Advanced Search Filters

Easily refine your search based on department, job type, or experience level, ensuring the right job is just a click away.

TOTAL TEST CASES WRITTEN: 92



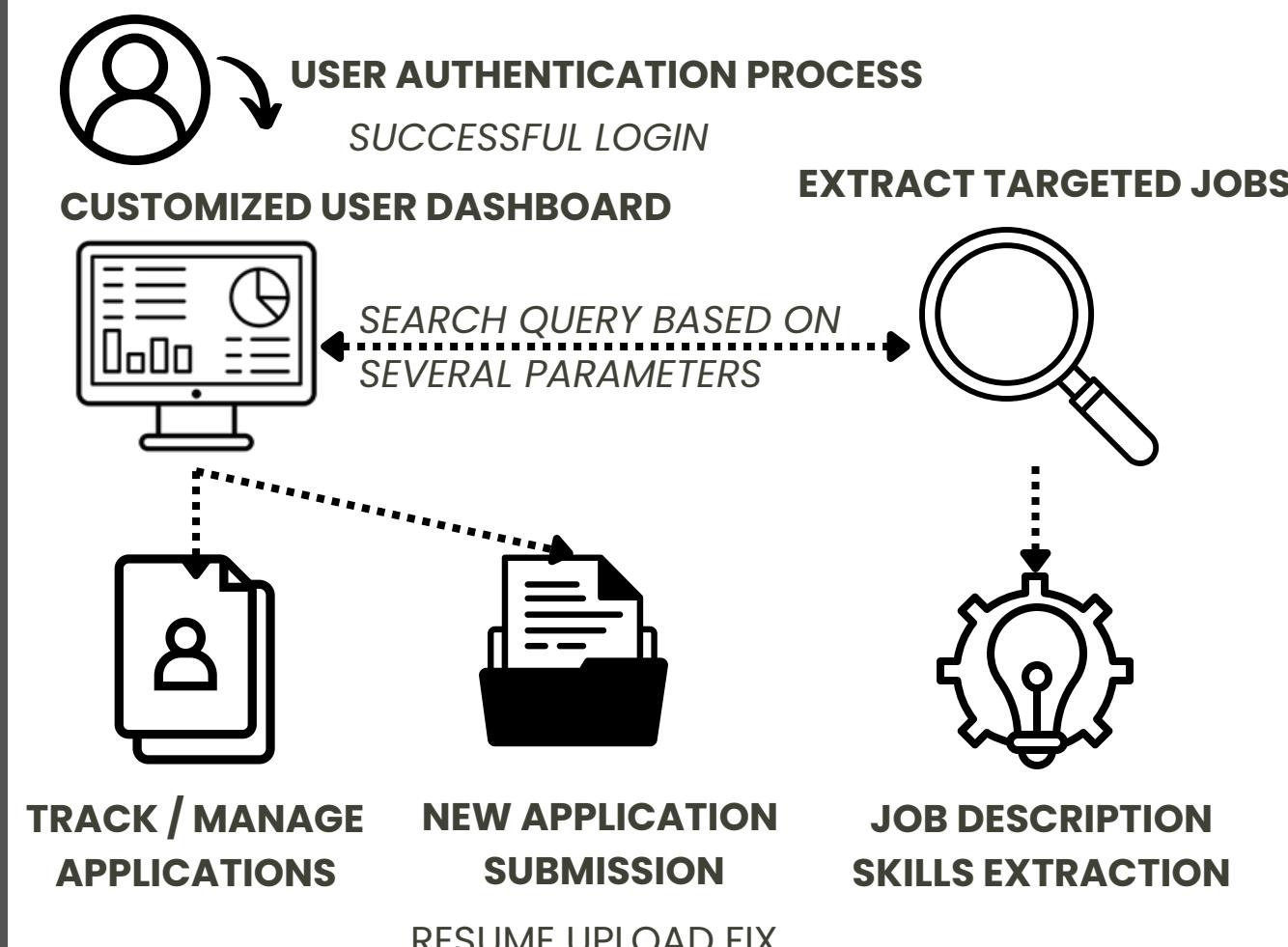
REPO LINK

DEMO LINK



FUTURE UPDATES DEMO

WORKFLOW



FUTURE ENHANCEMENTS

ENHANCED SECURITY WITH 2FA/MFA

Enhance account security by implementing 2FA/MFA for a safer experience.

SMART SALARY-BASED JOB FILTERING

Filter jobs by salary to match roles with your desired pay.

TRANSITION TO REAL-TIME DATABASE

Transition from a local database to a real-time, scalable database for improved performance and data handling.

PROVIDE RESET PASSWORD FUNCTIONALITY

Helps the Admins and students to reset their password in the event when they forget.

ENHANCED APPLICATION SECURITY

In the future, implementing HTTPS across all pages will be essential to enhance security by encrypting user data during transmission. This will ensure a safer, more secure user experience, meeting industry standards for data protection.

WHAT'S RECENTLY ADDED?

JOB BOARD MANAGEMENT

- Added an "Add Job Application" button that opens a modal to capture and store job application details, enabling users to track their applied jobs efficiently.
- Implemented essential features such as editing, deleting, and filtering job applications, offering users multiple options to organize and trace their applications effortlessly.
- Enhanced job search to help users track applied companies and locations with ease.

COMPREHENSIVE DATA VALIDATION

- Implemented input validations to improve data accuracy and application reliability in the frontend.
- Established robust backend validations to reinforce database security, preventing unauthorized access and safeguarding against potential vulnerabilities.

TAKE ADVANTAGE OF INNOVATIVE FEATURES:

RESUME UPLOAD, SKILL EXTRACTION, ADD JOBS FROM SEARCH

- Implemented Resume Management features, enabling users to securely upload their resumes with robust data protection and effortlessly download their latest version anytime.
- Enhanced the skill extraction process to handle large job descriptions faster, addressing limitations from previous versions.
- Implemented a feature to directly add job applications from job search to the job board without manual entry.

UI/UX ENHANCEMENTS

- Improved user-friendly messages, real-time validation, and a cleaner, responsive layout for seamless navigation during login and signup, ensuring a better overall user experience.
- Created reusable, modular UI elements for the login and signup pages, ensuring design consistency across the application and facilitating easier updates in the future.

WORKING SCREENSHOT

