Wolftrack 6.0

Group Number: 78

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Poster





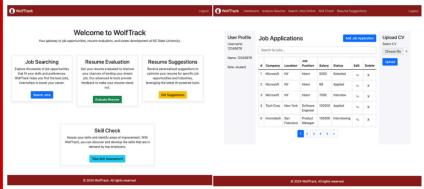


FEATURES

- **Job Recommendation Scraper:** A web scraper for personalized job recommendations.
- Flask API Integration: Enhanced real-time data access through seamless content retrieval from the database.
- **Ode Refactoring:** Improved application performance and maintainability by restructuring the codebase.
- ✓ **Increased Testing:** Enhanced reliability and stability by implementing extensive unit and integration test cases using selenium and pytest for all functionalities.
- Q Job Skills Extractor: Enhanced job matching by analyzing job descriptions to identify essential skills.
- **Robust Authentication:** Improved user security with dynamic Sign-up and Log-In functionalities for a seamless onboarding experience.



WORKFLOW



DEMO



CITHUR

TEAM 78: NAZMUL, KISHAN, RAVI

FUTURE ENHANCEMENT

- Expert Chat Functionality: Online chat feature for real-time expert guidance.
- Salary Insights: Tool for analyzing and comparing salary data.
- Sentiment Analysis of Reviews: Summarizes resume review feedback effectively.

Project Repository

Repository Link: https://github.com/TeamBenign/WolfTrack6.0

Repository Features:

- 1. Repo is publicly accessible and has detailed textual instructions to understand, install and use this software
- 2. Repository contains standard github repository files such as README.md, LICENSE and .gitignore
- 3. Contains contributions guideline and code of conduct in CONTRIBUTING.md and CODE OF CONDUCT.md
- 4. The features, bug fixes etc. are managed using an issue tracking system
- 5. Each features are in separate branch and merged to main when these are stable
- 6. Contains real badges that show different aspects of the source code such as code coverage, number of closed issues, pull requests, build status etc.
- 7. No keys and passwords have been put in any of the files
- 8. Contains extensive test cases with about 99% code coverage. Code coverage reporting is done using Codecov which shows useful statistics such as branch wise coverage, trends etc.

New Features

Job Recommendation Scraper: A web scraper for personalized job recommendations.

Flask API Integration: Enhanced real-time data access through seamless content retrieval from the database.

Code Refactoring: Improved application performance and maintainability by restructuring the codebase.

Increased Testing: Enhanced reliability and stability by implementing extensive unit and integration test cases using selenium and pytest for all functionalities.

Job Skills Extractor: Enhanced job matching by analyzing job descriptions to identify essential skills.

Robust Authentication: Improved user security with dynamic Sign-up and Log-In

Rubric and Sustainability Evaluation Table

Notes	Points	Evidence
Workload is spread over the whole team (one team member is often Xtimes more productive than the others	3	Each member worked on features, docs, fixes & test which can be checked from: https://github.com/TeamBenign/WolfTrack6.0/pulse
but nevertheless, here is a track record that everyone is contributing a lot)	3	evidence in GH
Number of commits	3	in GH https://github.com/TeamBenign/WolfTrack6.0/pulse
Number of commits: by different people	3	https://github.com/TeamBenign/ WolfTrack6.0/activity
Issues reports: there are many	3	https://github.com/TeamBenign/ WolfTrack6.0/issues

Issues are being closed	3	6 Issues closed -> https://github.com/TeamBenign/WolfTrack6.0/issues?q=is%3Aissue+is%3Aclosed
Docs: doco generated, format not ugly	3	in GH https://github.com/TeamBenign/WolfTrack6.0/tree/Main/docs
Docs: what: point descriptions of each class/function (in isolation)	3	https://github.com/TeamBenign/ WolfTrack6.0/tree/Main/docs
Docs: how: for common use cases X,Y,Z mini-tutorials showing worked examples on how to do X,Y,Z	2	https://github.com/TeamBenign/ WolfTrack6.0/tree/Main/docs
Docs: why: docs tell a story, motivate the whole thing, deliver a punchline that makes you want to rush out and use the thing	3	https://github.com/TeamBenign/ WolfTrack6.0/tree/Main/docs

Docs: short video, animated, hosted on your repo. That convinces people why they want to work on your code.	3	In Readme.md -> https://github.com/TeamBenign/ WolfTrack6.0/blob/Main/READ ME.md
Use of version control tools	3	evidence in GH
Test cases exist	3	Test cases with 99% coverage -> https://app.codecov.io/github/Te amBenign/WolfTrack6.0
Test cases are routinely executed	3	https://github.com/TeamBenign/ WolfTrack6.0/actions
Issues are discussed before they are closed	2	https://github.com/TeamBenign/ WolfTrack6.0/issues

Chat channel: exists	3	evidence in GH
Test cases: a large proportion of the issues related to handling failing cases.	3	https://github.com/TeamBenign/ WolfTrack6.0/tree/Main/UnitTesti ng
Evidence that the whole team is using the same tools: everyone can get to all tools and files	3	
Evidence that the whole team is using the same tools (e.g. config files in the repo, updated by lots of different people)	3	
Evidence that the whole team is using the same tools (e.g. tutor can ask anyone to share screen, they demonstrate the system running on their computer)	3	

Evidence that the members of the team are working across multiple places in the code base	3	https://github.com/TeamBenign/WolfTrack6.0/commits/Main/
Short release cycles	3	
The file .gitignore lists what files should not be saved to the repo. See [examples]i(https://github.com/github/gitignore)	3	https://github.com/TeamBenign/ WolfTrack6.0/blob/Main/.gitignor e
The file INSTALL.md lists how to install the code	3	in GH https://github.com/TeamBenign/ WolfTrack6.0?tab=readme-ov-fi le#getting-started-&-instakkatio n and https://github.com/TeamBenign/ WolfTrack6.0/blob/Main/require ments.txt
The file LICENSE.md lists rules of usage for this repo	3	in GH https://github.com/TeamBenign/ WolfTrack6.0/blob/Main/LICEN SE

The file CODE-OF-CONDUCT.md lists rules of behavior for this repo; e.g. see example	3	in GH https://github.com/TeamBenign/ WolfTrack6.0/blob/Main/CODE_ OF_CONDUCT.md
The file CONTRIBUTING.md lists coding standards and lots of tips on how to extend the system without screwing things up; e.g. see example	3	in GH https://github.com/TeamBenign/ WolfTrack6.0/blob/Main/CONT RIBUTING.md
The file README.md contains all the following	3	in GH https://github.com/TeamBenign/ WolfTrack6.0/blob/Main/READ ME.md
Video	3	https://github.com/TeamBenign/WolfTrack6.0/blob/Main/README.md
DOI badge: exists. To get a Digitial Object Indentifier, regiser the project at Zenodo. DOI badges look like this:	3	in GH https://github.com/TeamBenign/W olfTrack6.0/blob/Main/README. md

Badges showing your style checkers	3	config files in GH showing your config, badges in README https://github.com/TeamBenign/WolfTrack6.0/blob/Main/README.md
Badges showing your code formatters.	2	https://github.com/TeamBenign/ WolfTrack6.0/blob/Main/READ ME.md
Badges showing your syntax checkers.	3	https://github.com/TeamBenign/ WolfTrack6.0/blob/Main/READ ME.md
Badges showing your code coverage tools	3	https://github.com/TeamBenign/ WolfTrack6.0/blob/Main/READ ME.md
Badges showing any other Other automated analysis tools	3	https://github.com/TeamBenign/ WolfTrack6.0/blob/Main/READ ME.md

Criteria	Self-Assessment (Score)	Supporting Links
Project Identity	3	https://github.com/TeamBenign/WolfTrack6.0
Unique project name	3	https://github.com/TeamBenign/WolfTrack6.0
Trademark-free name	3	https://github.com/TeamBenign/WolfTrack6.0

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Unique project name	3	https://github.com/TeamBenign/WolfTrack6.0
Trademark-free name	3	https://github.com/TeamBenign/WolfTrack6.0
Documentation Quality		
Clear overview on website/docs	3	https://github.com/TeamBenig n/WolfTrack6.0/blob/Main/REA DME.md
Quick start guide	3	https://github.com/TeamBenig n/WolfTrack6.0/blob/Main/REA DME.md
Detailed usage instructions	3	https://github.com/TeamBenig n/WolfTrack6.0/blob/Main/REA DME.md
Troubleshooting guide	2	https://github.com/TeamBenig n/WolfTrack6.0/blob/Main/REA DME.md
Availability		
Downloadable package	3	https://github.com/TeamBenig n/WolfTrack6.0
Free access	3	https://github.com/TeamBenig n/WolfTrack6.0
Public code repository	3	https://github.com/TeamBenig n/WolfTrack6.0
Support Systems		
User support description	3	https://github.com/TeamBenig n/WolfTrack6.0/blob/Main/REA DME.md

Project-specific email/forum	3	Added at the end of: https://github.com/TeamBenig n/WolfTrack6.0/blob/Main/REA DME.md	
Multi-person access to support	3	https://github.com/TeamBenig n/WolfTrack6.0/blob/Main/REA DME.md	
Public ticketing system	3	https://github.com/TeamBenig n/WolfTrack6.0/issues	
Code Quality			
Automated code analysis	3	https://github.com/TeamBenig n/WolfTrack6.0/actions	
Code coverage badge	3	https://github.com/TeamBenig n/WolfTrack6.0/blob/Main/REA DME.md	