

1. INTRO

Our project is a command-line-driven tool that scans local software projects and ZIP archives, analyzes their structure and contributors, and generates structured outputs such as developer portfolios and resumes. The system stores results in a database and allows users to regenerate artifacts as projects evolve.

2. TASKS:

2.1 General User:

1. Scan a software project and review the scan results
2. Generate a personal resume/portfolio from scanned projects
3. Add evidence to a project and regenerate a resume/portfolio
4. View and delete a resume/portfolio
5. Analyze contributor roles in a team project
6. Rank the projects

2.2 System Administrator:

1. Check out database inspection capabilities and verify data consistency
2. Verify configuration (privacy consent, saved scan settings) persists across sessions
3. Enter invalid inputs for any terminal-based question and verify that helpful error handling is included
4. Performance testing (large projects, multiple sequential scans, database inspection retrieval times, resume generation with many scanned projects, nested zipped projects, etc.)

3. QUESTIONNAIRE: <https://forms.gle/fmipa9HTUhsxwWra6>

a) Usability and Navigation

- Q1. I understood what the system does after a short period of use.
- Q2. Were the scan results and generated outputs clear?
- Q3. I was able to use the system without needing external help.

b) Feature Completion and Accuracy

- Q1. The scan results accurately reflect the projects you tested
- Q2. The generated resume accurately reflected the user's project work.
- Q3. The contributor analysis matched my understanding of the user's involvement in the team

c) Performance and Reliability

- Q1. Project scans completed in a reasonable amount of time.
- Q2. The system behaved reliably without crashes or data loss.
- Q3. Regenerating artifacts did not introduce inconsistencies

d) Documentation and Learnability

- Q1. Error messages helped me recover from mistakes.
- Q2. I would feel confident using the system again without guidance.

e) Feature Requests and Suggested Improvements

- Q1. What features were missing or unclear?
- Q2. What improvements would most increase usability?
- Q3. What would prevent you from using this system regularly?

f) Task Completion Checklist

- Q1. I was able to complete the assigned tasks successfully.
- Q2. I would feel comfortable using this system for real portfolio or resume generation
- Q3. I would recommend this tool to other developers.