

# Training Day7 Report:

20 June 2024

## Key Takeways:

### JIRA

- **Project Management Tool:** Developed by Atlassian for software development teams.
- **Agile Support:** Facilitates Scrum and Kanban methodologies.
- **Task Management:** Create, update, and manage tasks, issues, and projects.
- **Custom Workflows:** Tailor workflows to fit specific team processes.
- **Reporting and Analytics:** Provides detailed reports on team performance and project status.
- **Integration:** Connects with tools like Confluence, Bitbucket, GitHub, and more.
- **Enhanced Collaboration:** Improves team communication and collaboration.
- **Increased Transparency:** Offers visibility into project progress and bottlenecks.
- **Improved Productivity:** Streamlines task management and prioritization.
- **Scalability:** Suitable for teams of all sizes.

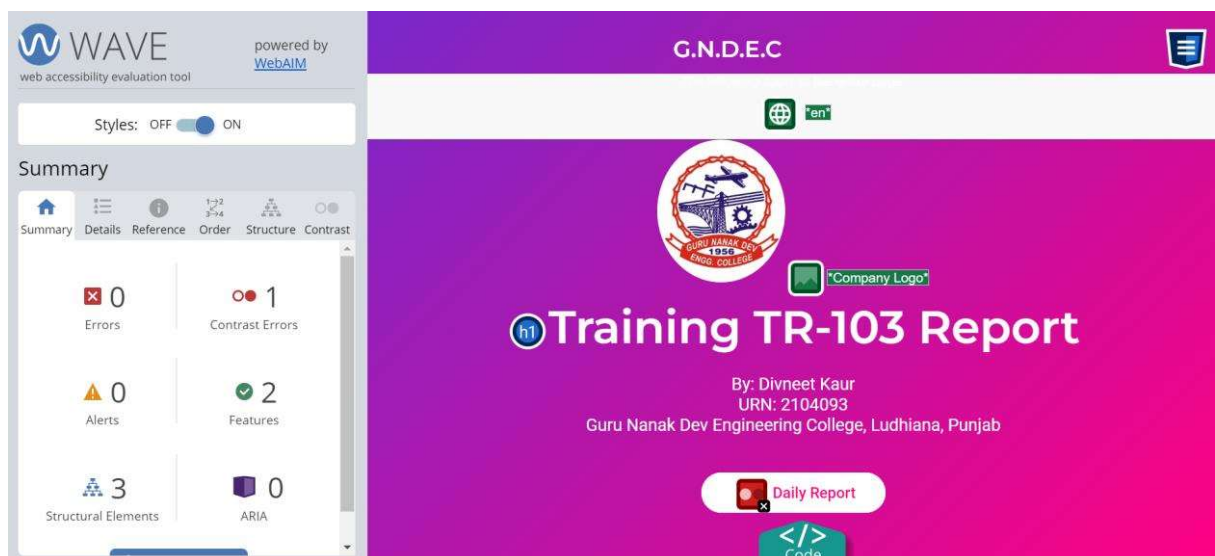
### W3 Validation

- **Markup Validation:** Checks the validity of HTML/XHTML documents.
- **CSS Validation:** Validates Cascading Style Sheets.
- **Error Reporting:** Provides detailed error messages and suggestions.
- **Compatibility:** Supports various web document types and versions.

- **Improved Accessibility:** Ensures web content is accessible to a wider audience.
- **Better SEO:** Valid code can improve search engine rankings.
- **Cross-browser Compatibility:** Reduces rendering issues across browsers.
- **Professionalism:** Reflects commitment to quality and best practices.

## Wave Extension

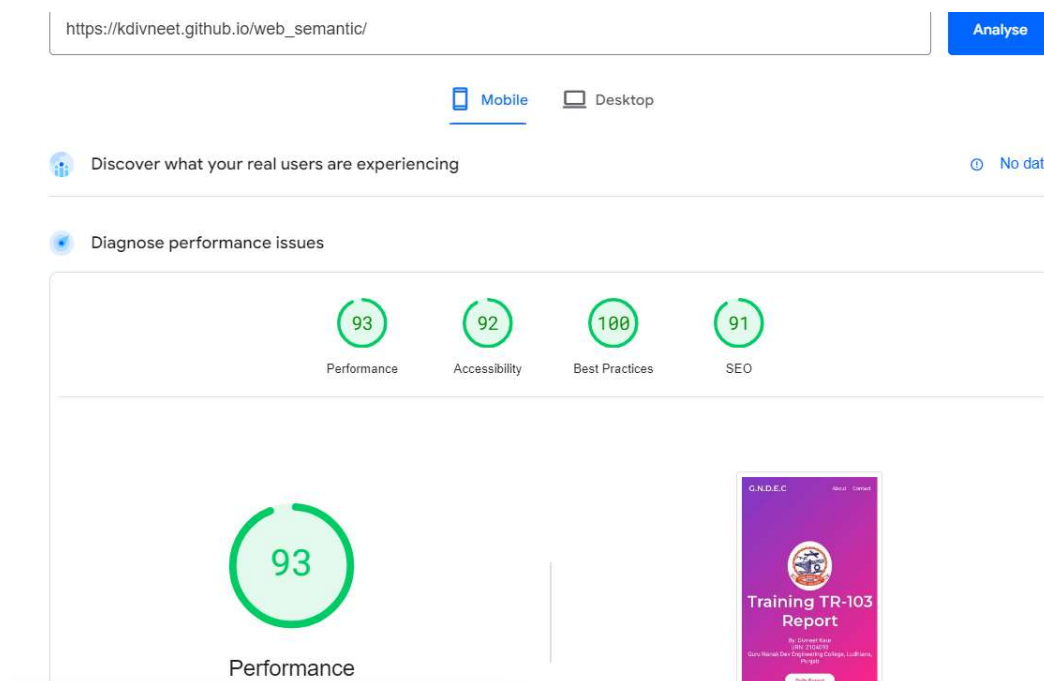
- **Accessibility Tool:** Developed by WebAIM to evaluate web content accessibility.
- **Visual Indicators:** Uses icons to highlight accessibility issues directly on the web page.
- **Error Categorization:** Classifies issues into errors, alerts, features, structural elements, and ARIA.
- **Detailed Reports:** Generates comprehensive reports for in-depth analysis.
- **Enhanced Usability:** Helps create user-friendly web content.
- **Compliance:** Assists in meeting WCAG (Web Content Accessibility Guidelines) standards.
- **Immediate Feedback:** Provides real-time insights during development.
- **Educational Tool:** Helps developers understand and address accessibility issues.



## Lighthouse Extension

- **Quality Audit Tool:** Open-source tool for improving web page quality.

- **Performance Metrics:** Measures page load speed, interactivity, and overall performance.
- **Accessibility Audits:** Checks for common accessibility issues.
- **Best Practices:** Evaluates adherence to modern web development practices.
- **SEO Analysis:** Assesses basic search engine optimization practices.
- **PWA Checks:** Evaluates Progressive Web App features and compliance.
- **Holistic Improvement:** Provides comprehensive audits to improve web pages.
- **Actionable Insights:** Delivers detailed enhancement suggestions.
- **Continuous Monitoring:** Integrates into development workflows for ongoing quality assurance.
- **Broad Scope:** Covers multiple aspects of web quality, from performance to SEO.



## What Font Extension

- **Font Identification:** Displays font name, size, weight, and style on web pages.
- **Detailed Font Info:** Provides additional font details like family, line height, and color.

- **Easy to Use:** Simple activation and hover to get font details.
- **Browser Compatibility:** Works with Chrome and Firefox.
- **Design Inspiration:** Helps discover new fonts and understand typography choices.
- **Consistency:** Assists in maintaining consistent typography across websites.
- **Efficiency:** Quickly provides font information without inspecting code.
- **Educational:** Useful for learning about different fonts and their properties.