Ally – Accessibility Testing Tool

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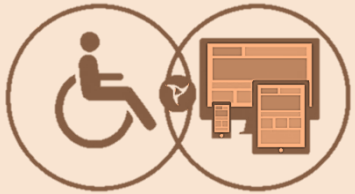
Ally - An Accessibility Testing Tool

"Ally" is a tool which scans the webpage & identifies accessibility issues; related to non-functional code by listing them in a user friendly manner; thus minimizing manual efforts spent during Accessibility testing

BENEFITS



Extensive Coverage

Inclusive of a wide set of test cases covering

- WCAG 2.0
- Section 508
- Best practices recommended by accessibility experts

Security

- Tool architecture prevents the data from being shared outside the network
- Does not rely on a Third Party API
- Can also work in offline mode

Guidelines / Recommendations

Provides precise recommendations to remediate highlighted issue & corresponding WCAG guideline

Open source

User friendly

Documentation

Provision to download an 'Excel' report of highlighted issues

Inspect Feature

Inspect elements via developer toolbar facilitating in understanding the issues on the Web Page itself

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Installation.....

"Ally" tool can be installed to the Web-Browser in 3 ways:

Option 1

Via : .crx file (Ally_crx.zip)

1. Go to chrome address bar & type - **"chrome://extensions/"**
2. Extract the attached zip file & drop the file "**Ally.crx**" inside extension window
3. Accessibility Testing Tool **icon** will be available in **browser toolbar at the top**
4. Open any html page in browser window & open "**Ally" tab in developer tools** then click on "**Analyze**" button

Option 2

Via : src files (Ally_src.zip)

1. Extract attached zip file
2. Go to chrome address bar & type > **"chrome://extensions/"**
3. Check the "**Developer Mode**" checkbox & choose "**Load unpacked extension**"
4. Provide extracted path of "Ally" folder
5. Accessibility Testing Tool icon will be available in **browser toolbar at the top**
6. Open any html page in browser window & open "**Ally" tab in developer tools** then click on "**Analyze**" button

Option 3

Via Ally SDK (Ally_src.zip)

1. Extract attached zip file
2. Extract the attached zip file to the root folder of your development workspace
3. Add following script tag in your html file just before closing "body" tag
4. Open html page in browser window & you can see **"Ally" at bottom of browser window**

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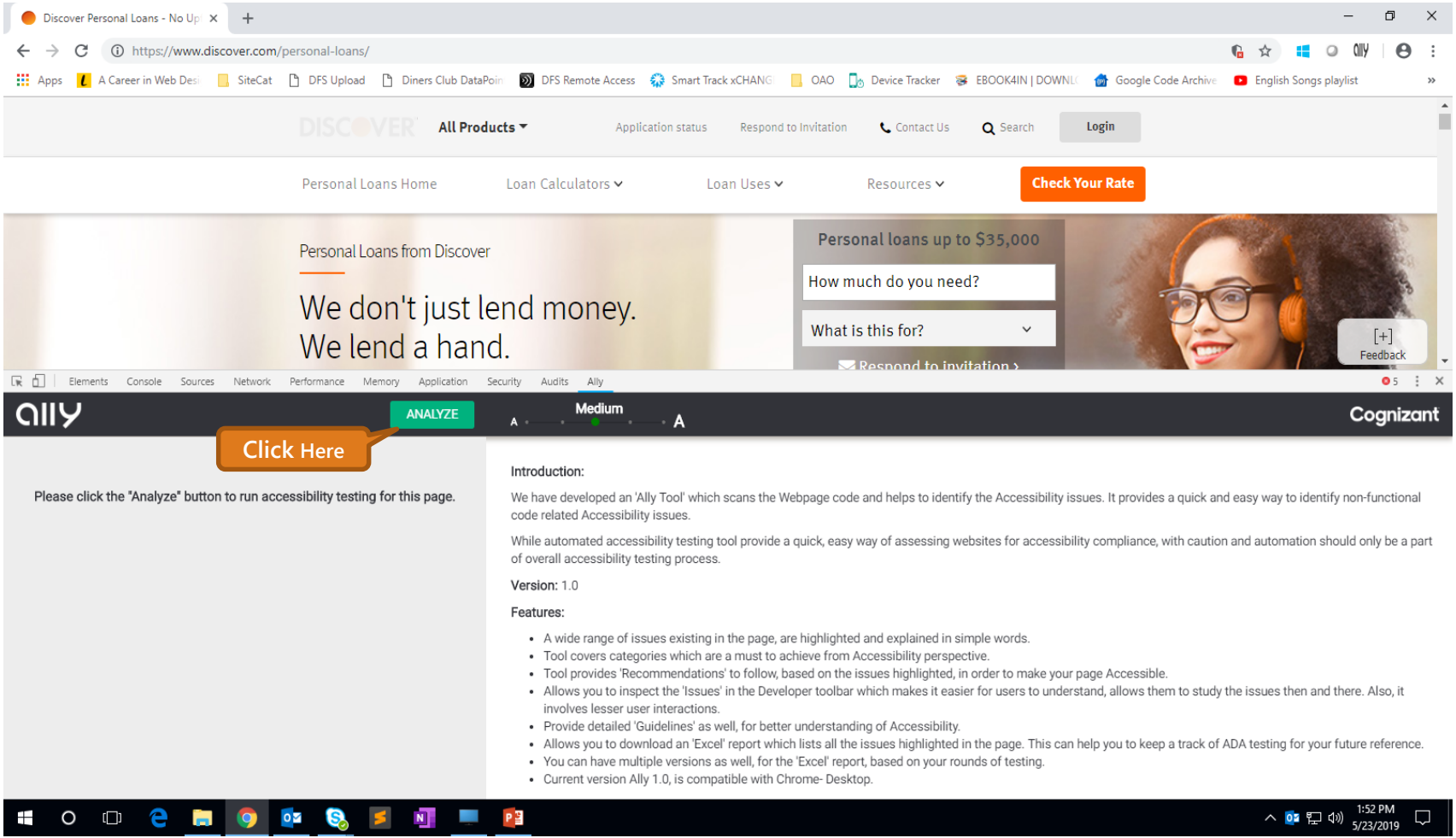
How to Use – Step 1 – Click on the 'Analyze' Button



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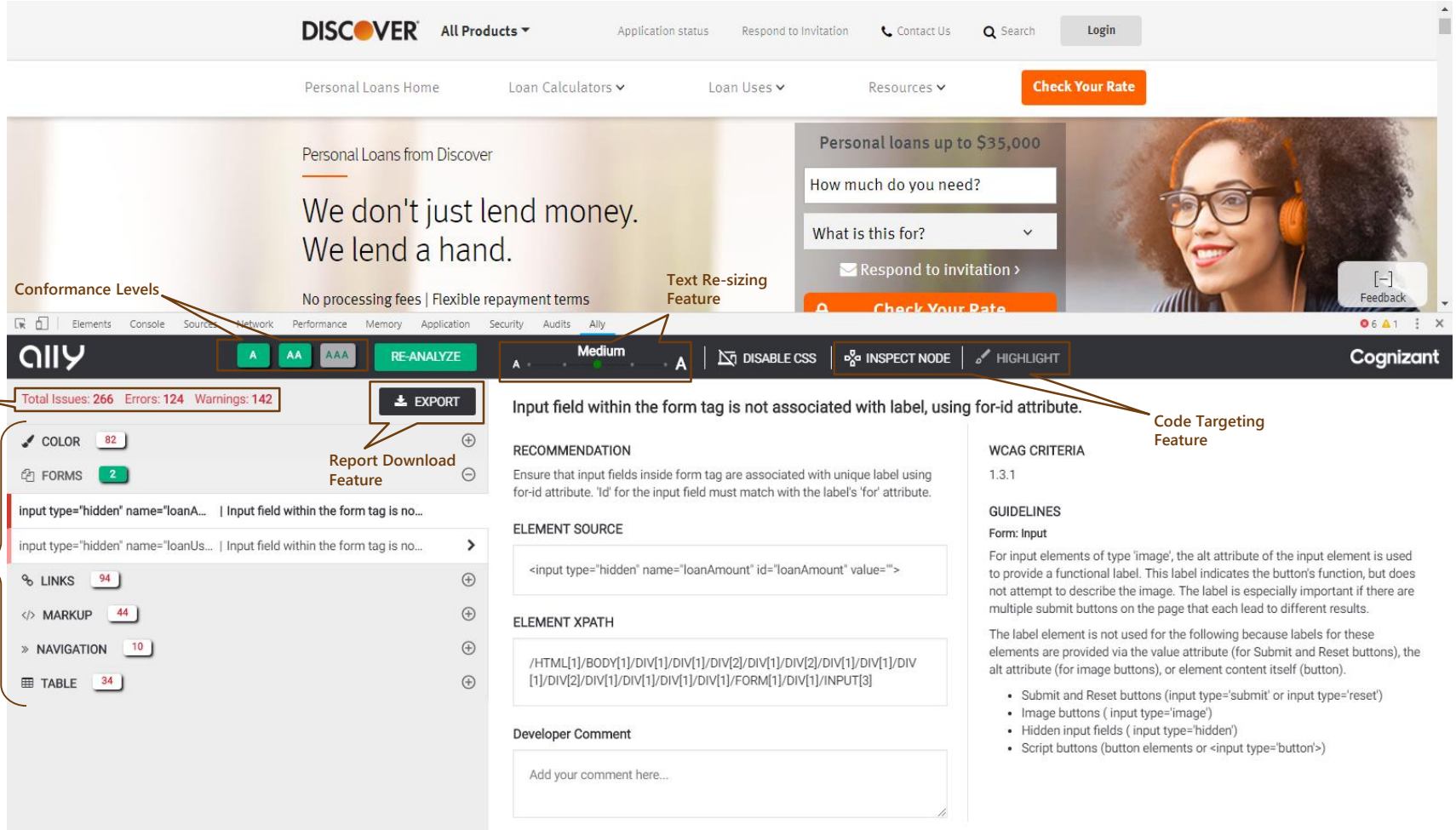
How to Use – Step 2 – Accessibility Results



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Comparison with Other Tools

Features	ally	TENON	axe
Guidelines Coverage (%)	60-70%	55-70%	45-55%
Cost	Open source	Paid ($495 / month for 30 users – 30k API Calls)	Open source
Secured	• Secured Tool • Data is not shared outside the network	Data is shared as it uses server side scripting	Secured
Conformance Level (A, AA & AAA) wise segregation	User can select conformance level & generate the report accordingly	Not Available	Not Available
Report Generation	User can download report in excel (.xlsx) format	Not Available	Not Available
Text Re-sizing	User can resize text from 55% - 150%	Not Available	Not Available
Categorization of issues	Issues are categorized in 9 odd categories like color, images, content, links, navigation etc.	Not Available	Not Available

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Ally – Team Members

Name	Role
Harsh Pandey	Developer
Akshay Kalaskar	Developer
Amit Sasane	Sr. Developer
Ketan Bengali	Sr. Architect / Ax Consultant
Sameet Soman	Pune Design Lead (User Experience)

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THE END

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