



# Accessibility Testing for a Predictive Analysis System

## About Us

Devstringx Technologies ([www.devstringx.com](http://www.devstringx.com)), Leader in Product Development, Mobile Apps Development and Independent Software Testing Services, headquartered at Noida, India. Devstringx is ISO 9001:2015 certified and also a NASSCOM member. Devstringx has its own Mobile and IoT Test Lab.

## Client

Client is a provider of federal pipeline management and market research platform - using predictive analytics to help federal contractors increase win rates, reduce cost and risk in the pursuit of federal opportunities through automated execution of best practice business development workflows and a unique competitive intelligence.

## Tools Used

JAWS, AChecker, WAT

## Business Requirement

- Client wanted us to uncover issues in the application related with the compliance of American with Disabilities Act (ADA).
- Client also wanted us to provide solutions for the identified issues wherever possible to fix the issue.

## Solution

- Created 100+ test cases that includes Section 508 guidelines and additional guidelines from WCAG 2.0
- Verified the issues with application's source code and documented accessibility issues
- Done testing for compliance with Section 508 of the Rehabilitation Act
- Visual inspection with respect to Accessibility Guidelines

## Some of the Identified Issues

- Input element, type of "password", missing an associated label
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- I (italic) element used
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- Document has invalid language code
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- Image used as anchor is missing valid Alt text

## Benefits

- Client had achieved high quality standards after fixing the identified issues
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- After Implementation of our recommended additional guidelines from WCAG 2.0 application became more accessible to users