## *[Ninjabot]*

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## Proposal

### Motivation

*[Clearly motivate the purpose of your project; why someone would care about what you are doing]*

Web User Interface (UI) widget components exist in almost every Web site. However, assistive technology generally do not recognize widgets (especially without aria tags). Therefore the project motivation is to attempt to back trace from the origin to attempt to identify widget components.

### Aims

*[Clearly state what the project is intended to do. This should be something which is measurable; it should be possible to tell if you succeeded]*

Design a Web robot (bot) to automatically scrape the Web page, so that Web UI components can be identified using Machine Learning techniques. This bot should be configurable to scrape pages that intentionally orchestrated content for specific user-agent in a discrete manner.

## Progress

*[Briefly state your progress so far, as a bulleted list]*

1. Read and understand WCAG 1.0 and 2.0
2. Read and understand Javascript

## Problems and risks

### Problems

*[What problems have you had so far, that have held up the project?]*

1. Dealing with CORS

### Risks

*[What problems do you foresee in the future and how will you mitigate them?]*

## Plan

*[Time plan, in roughly weekly to monthly blocks, up until submission week]*