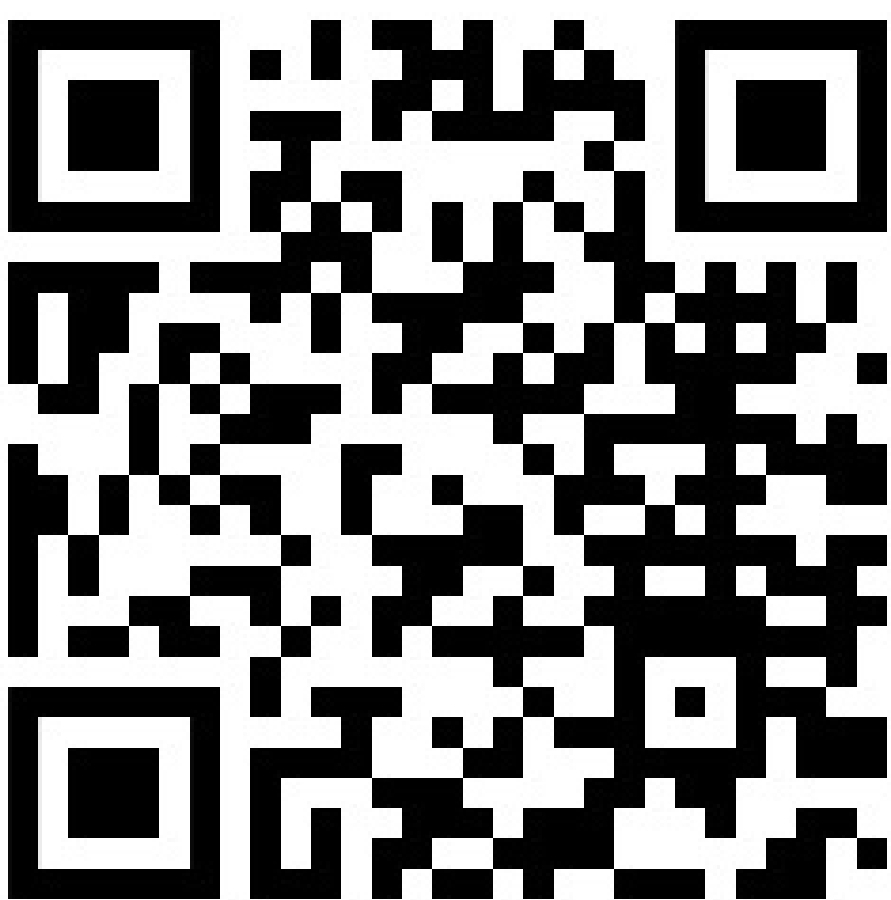


ADBLOCK RULE ENGINE GENERATOR



TEAM MK | ACADEMIC SUPERVISOR: JOSHUA DWIGHT | INDUSTRY SUPERVISOR: VU MANH CUONG

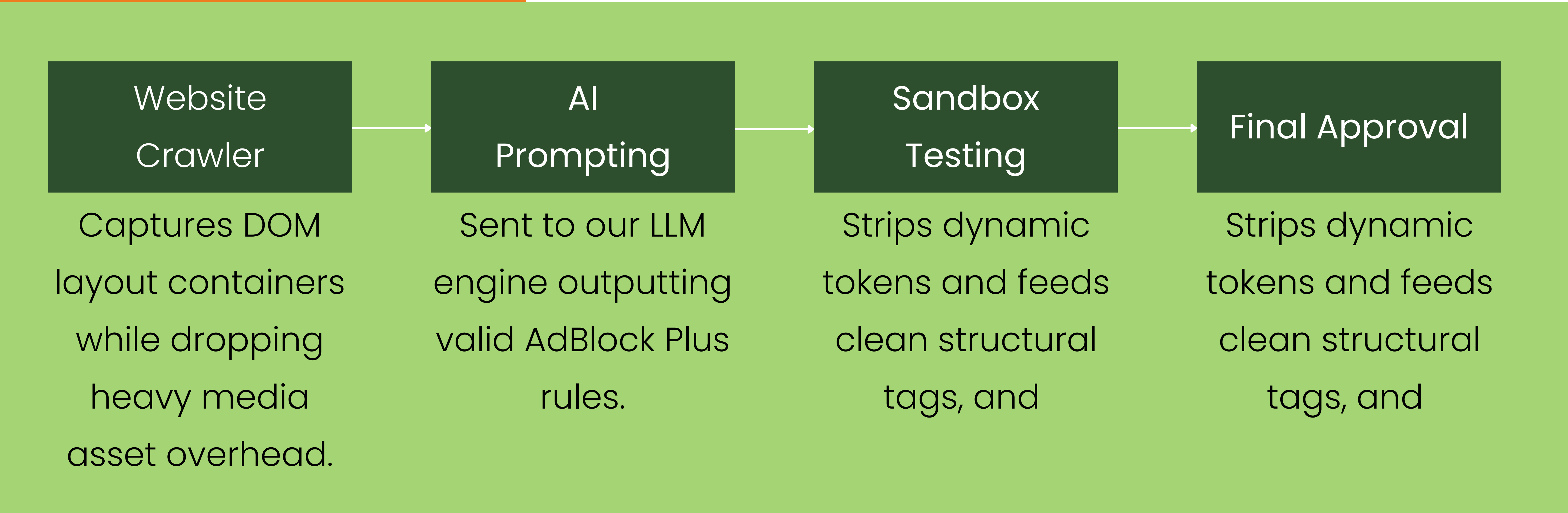
THE PROBLEM

Manual ad-block rule creation is slow, unscalable, and prone to human error. This creates a severe bottleneck in keeping filter lists updated as site layouts constantly change.

OUR SOLUTION

We built an automated AI pipeline that cleans raw website DOM elements and feeds sanitized selectors directly to an LLM. The system generates precise Adblock Plus rules instantly and validates them using an automated sandbox tester.

SYSTEM



SCREENSHOTS

UI SHOWCASE

BEFORE

AFTER

Reports

Rule library

Token usage

Rule playground