



DamSmartAss

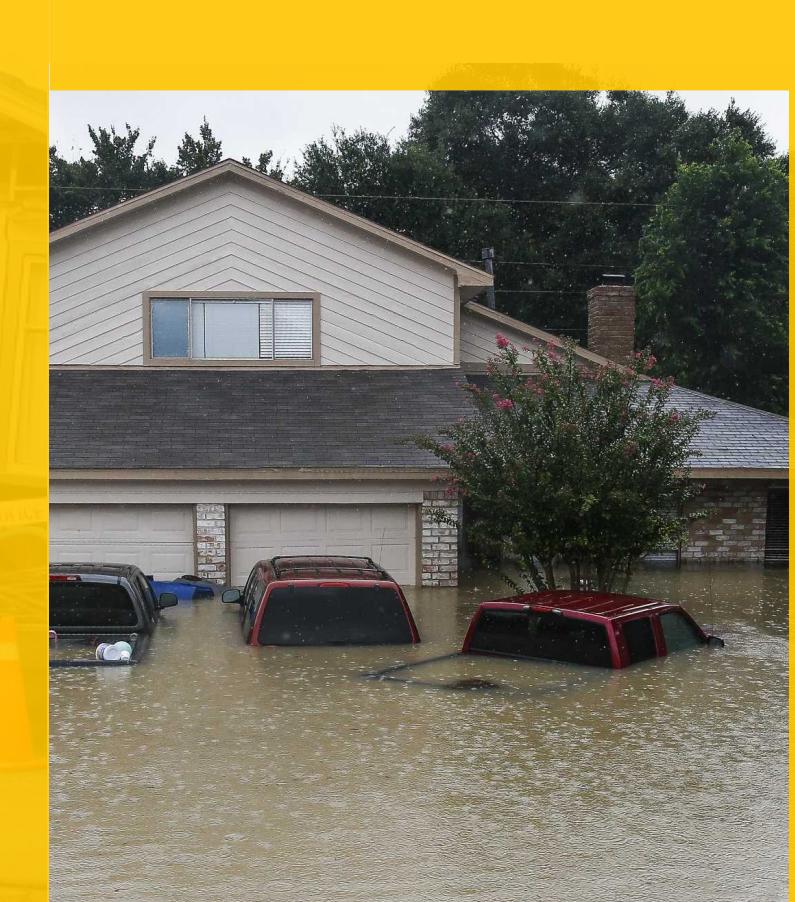
Mikhail Lenko
Ryan Leyba
Kai Zhao





Purpose

- Streamline Assessor workflow
- Faster payout for policyholders
- Assess prevention measures / inform relief allocation





APIs Used

Google
Vision



Zillow

Google Maps



System Architecture



Input

Image with metadata



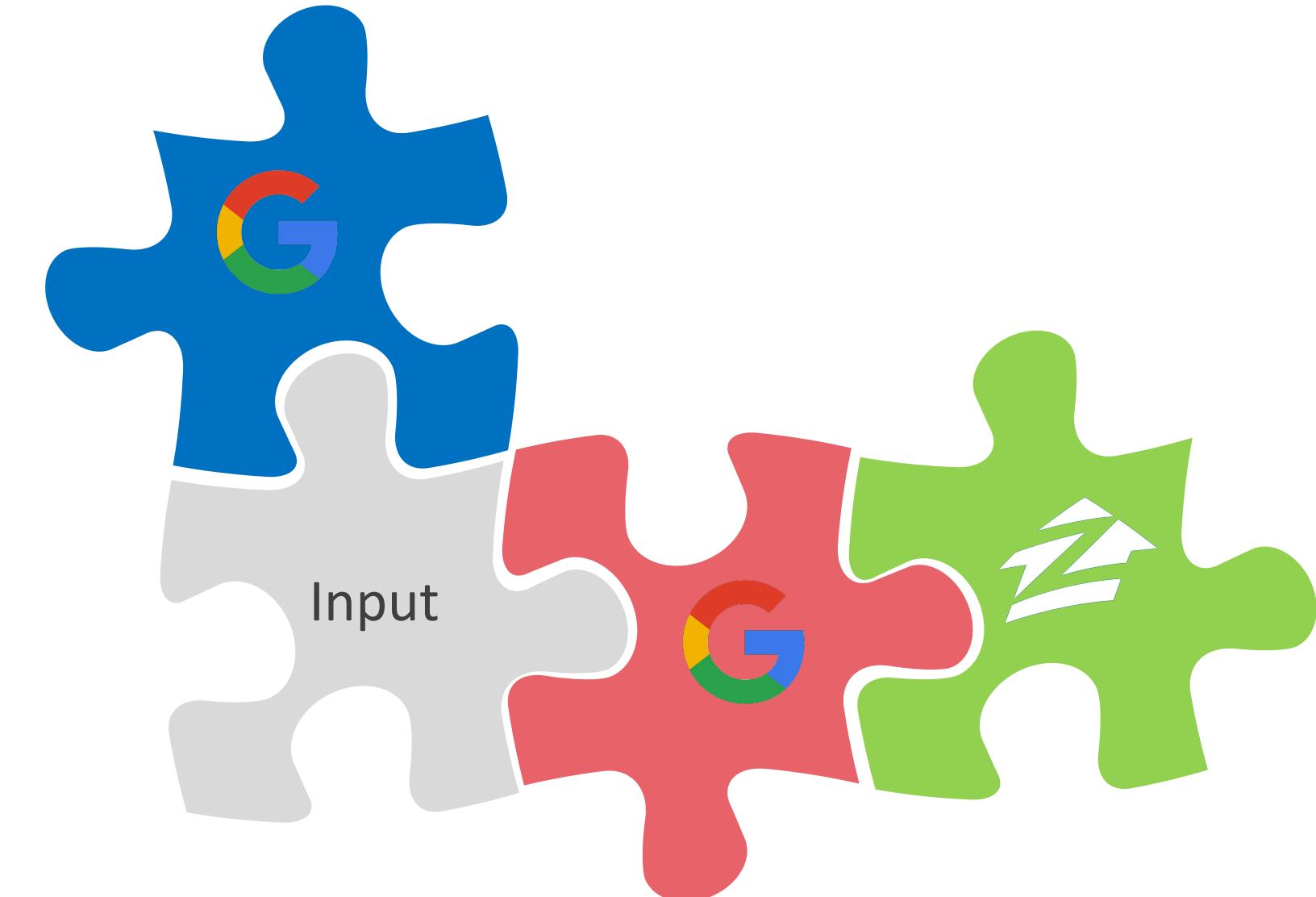
Google
Vision

Takes input image and
classifies type of damage



Google Maps

Takes input metadata and
outputs
address & street view



Zillow

Takes address from Google
& outputs Zillow information



System Architecture



Input

Image with metadata



Google
Vision

Classifies and labels input

Image



Google Maps

Takes input metadata and
outputs

Google Streetview & Address



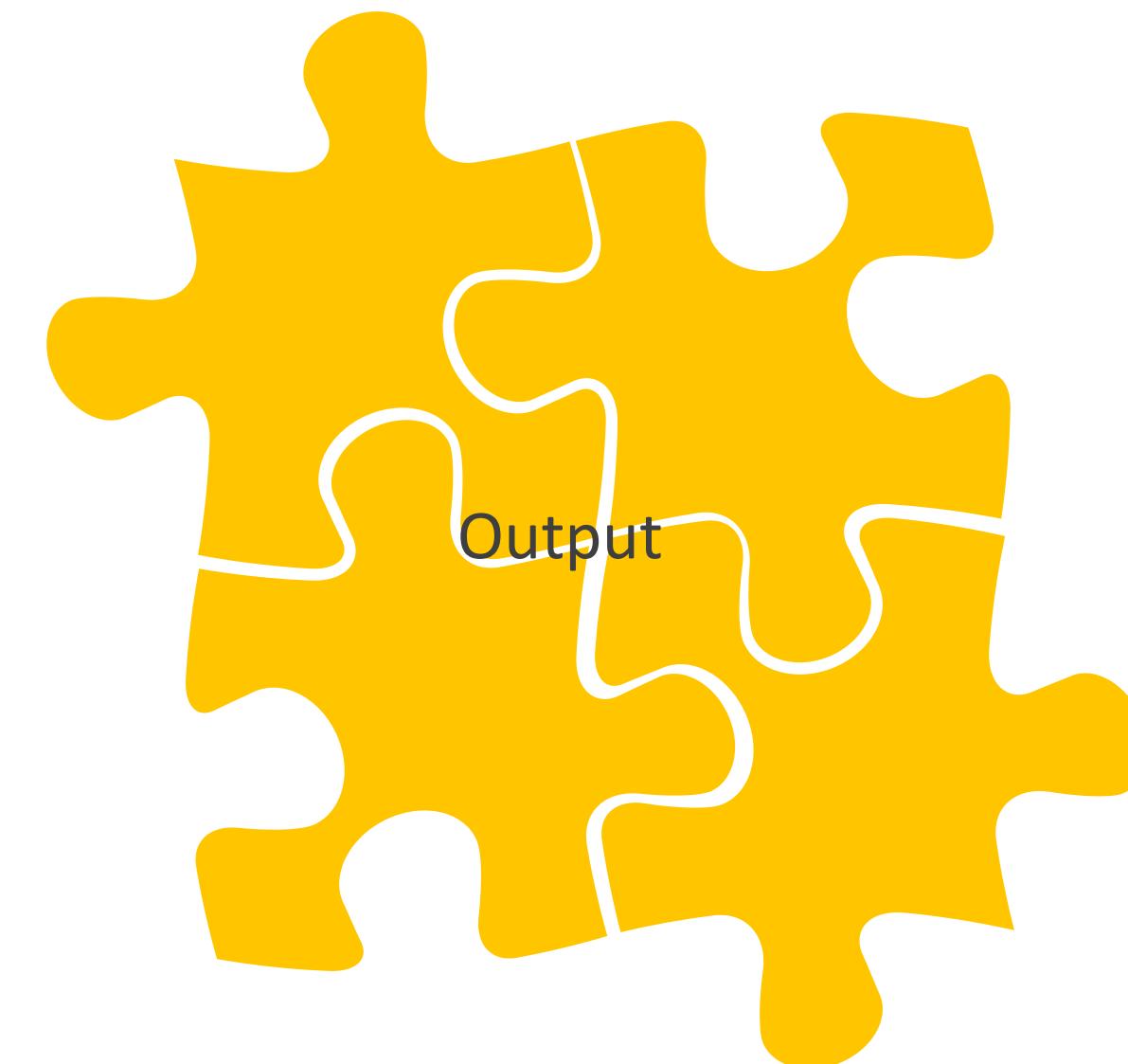
Zillow

Takes address from Google
& outputs Zillow information



Output

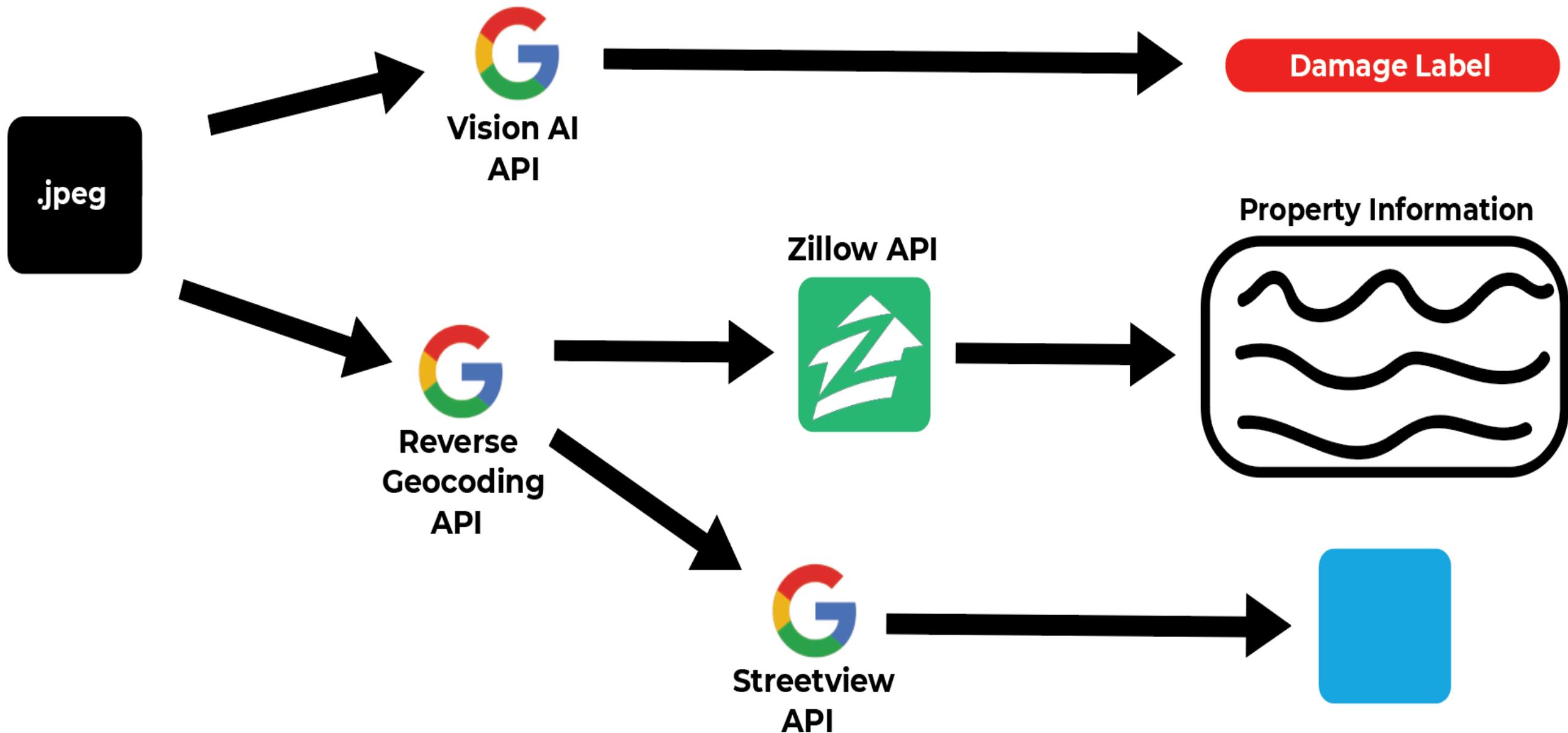
Damage Assessment Report



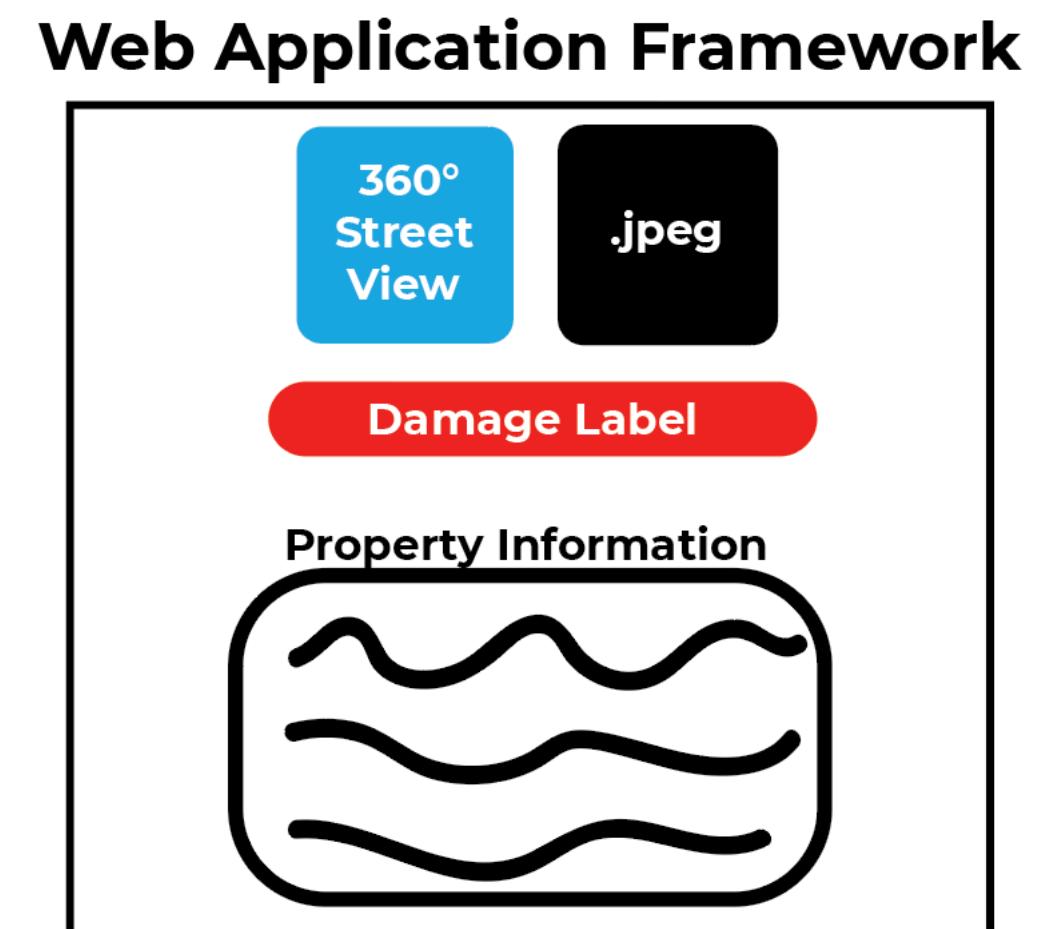
System Architecture



Input

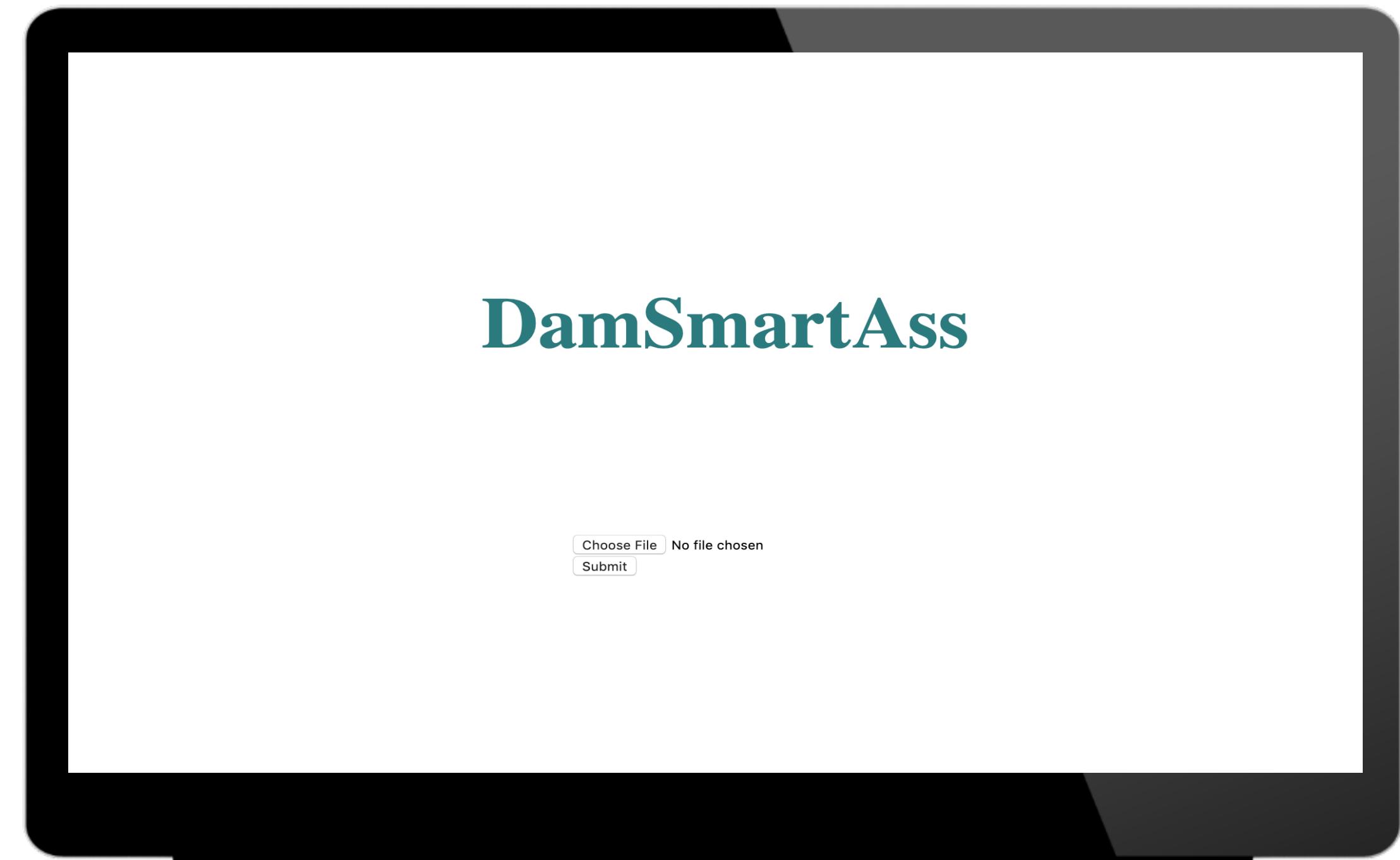


Outputs





Smart Assessor App





Smart Assessor App

Please Confirm Address

The image shows a laptop screen displaying the Smart Assessor App. The app's title, "Please Confirm Address", is centered at the top. Below the title is a photograph of a person's hand holding a white campaign-style sign that reads "Bernie" in large blue letters, with "For President 2020" written below it. Underneath the photograph, there is a text input field with the placeholder "Select the correct address: 532 Market St, San Francisco, CA 94104, USA" followed by a dropdown arrow icon. Below this, there is a line of text that says "If none of the above:". At the bottom, there are three input fields: "Street Address:", "City:", and "State:", with "CA" entered in the State field. A small "Submit" button is located just below the state field.



Smart Assessor App

DSA PRE-ASSESSMENT REPORT

Powered by Google & Zillow

3663 Springer Ct, Walnut Creek, CA 94598, USA

Pre-Event Image

3663 Springer Ct
Walnut Creek, California

© 2019 Google Terms of Use Report a problem

Post-Event Image

A small image showing a damaged scooter leaning against a fence in front of the house.

Damage Type	
Fail to Classify	

Property Data		Value	Assessment Note
Zestimate®		1119666	
Last Sold Price		440000	
Last Sold Date		12/16/1998	
Use Code		Miscellaneous	
Year Built		1978	
Bedrooms		4	
Bathrooms		2.5	
Finished Sqft		2682	
Lot Size Sqft		6300	

Zestimate® Chart

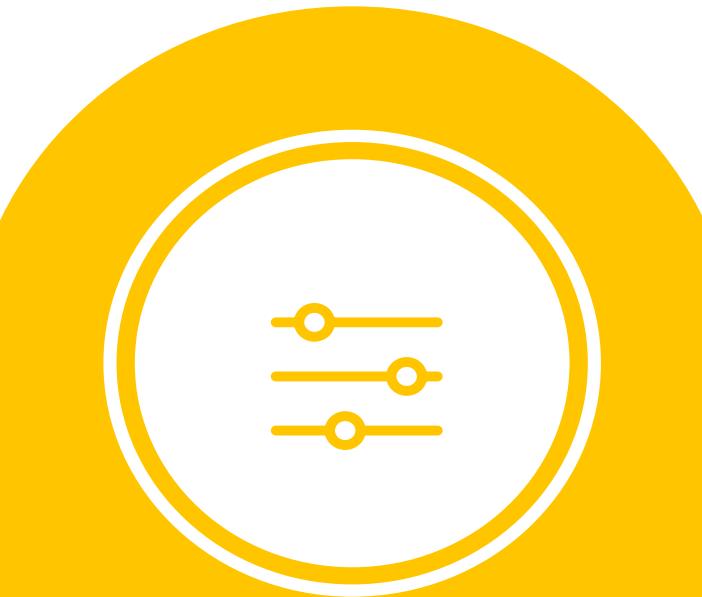
The chart shows the Zestimate® value for the property over a year. The value starts around \$1.08 million in August 2018, dips slightly in September and October, then rises sharply starting in December 2018, peaking in February 2019 at approximately \$1.12 million. It then fluctuates, ending at about \$1.10 million in August 2019.

Date	Zestimate® Value
Aug 18	\$1.08M
Sep 18	\$1.07M
Oct 18	\$1.06M
Nov 18	\$1.07M
Dec 18	\$1.05M
Jan 19	\$1.08M
Feb 19	\$1.12M
Mar 19	\$1.11M
Apr 19	\$1.12M
May 19	\$1.11M
Jun 19	\$1.10M
Jul 19	\$1.09M
Aug 19	\$1.10M



Web App Demo

Future



Estimate
Reimbursement
Amount



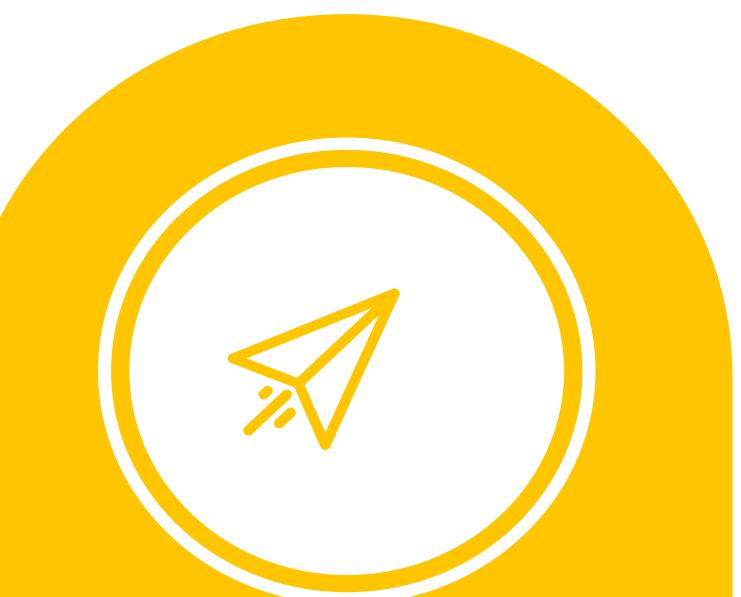
Support Multiple
Photos



Assess
Interior
Damage



Support
Any Real
Estate



Attach
Insurance
Policy