SIGHTVISIT

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Product Presentation

DISCUSSION OUTLINE

Problem Statement
Usage Scenario
Live Demo
Further Improvements

Problem Statement

DAMAGE ASSESSMENT UPGRADE

- FEMA performs "on the ground" damage assessment of residential parcels and infrastructure

- The SightVisit app retrieves Google Street View images and Zillow data to provide:
  - Pre-event photo of the assessed structure
  - Level of damage to the structures

Usage Scenario

USE CASE

Carol is an emergency management specialist at FEMA. Days after a disaster, she's out in the field assessing residential properties.

She hops out of her car and takes a photo of the first house she sees in disrepair.

She uploads the photo to SightVisit, sees the photo she took and an image of the home prior to the disaster. It also displays a value estimate of the house and property summary.

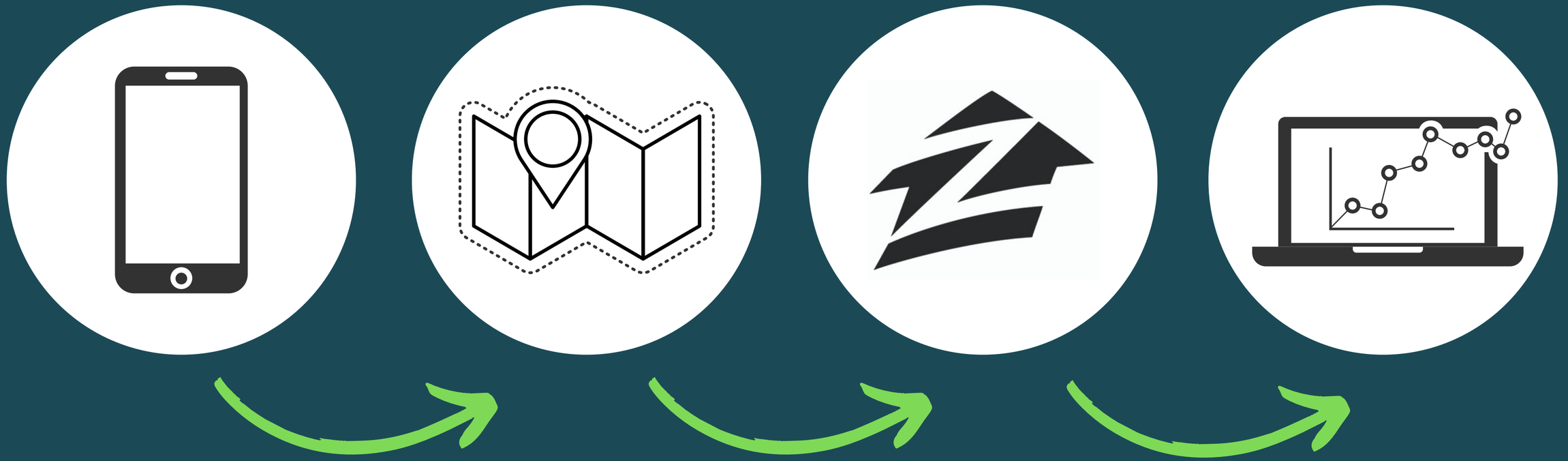
Advantages

USE CASE TAKEAWAYS

- Aggregates data to assess total damage
- Real-time statistics are relayed to agencies for assessment, disaster management, and appropriation purposes
- Allows individuals to self-report information

LET´S GO!

Data Acquisition & Processing



Further
IMPROVEMENTS

SQL/DATABASE INTEGRATION
Secure cloud storage of damage information

MOBILE APP
Native mobile applications for iOS and Android

SATELLITE DATA
Incorporate satellite imagery

INSURER PARTNERSHIP INTEGRATION
Work with corporate partners to streamline processes and standardize forms

MACHINE LEARNING
Image recognition to quantify damage levels