Presented by Arjan

Mission 1: Turner's Car Insurance Project

Role: Advanced Full Stack Developer

Client: Turner's Car Auctions

Goal: Prototype an AI solution that identifies vehicle types from uploaded car images to support accurate insurance pricing.

My Focus:

- Understand project context
- Identify key stakeholders
- Build and present an AI-powered web app

Task 1: Identify Stakeholders

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Purpose: Understand who is involved and what they care about.

Key Stakeholders

- **Digital Transformation Manager** – Oversees the system redesign and ensures alignment with company goals.
- **IT / Development Team** – Builds and maintains the AI prototype.
- **Insurance Department** – Uses AI results to help calculate premiums.
- **Marketing & Sales Team** – Promotes new features to customers.
- **End Customers** – Upload car images for quotes (main users).
- **Compliance / Legal Team** – Ensures data privacy and insurance compliance.
- **Project Manager / Product Owner** – Manages tasks, communication, and delivery.

Task 2: Understand Project Context

Purpose: Identify what to know before starting development.

Top 5 Things to Know

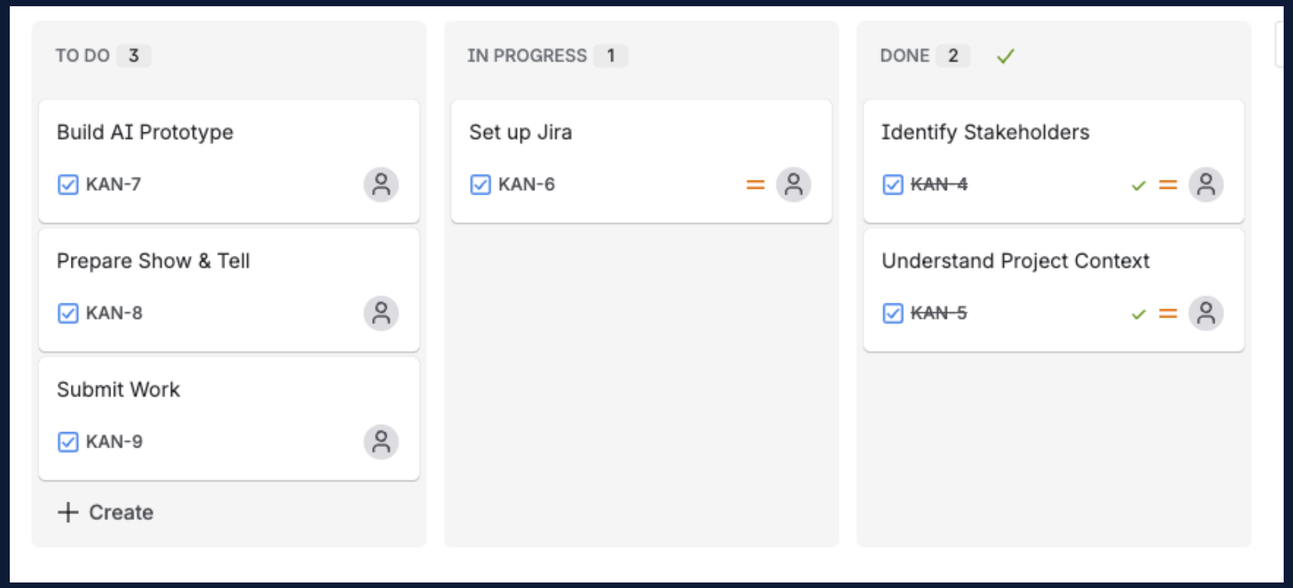
1. **Project Goals & Success Metrics** – What are we improving and how success will be measured.
2. **Technical Requirements** – Confirming tools and tech stack (e.g., Azure, React).
3. **Data & Privacy** – Understanding available datasets and compliance needs.
4. **Target Users** – Who will use the app and what experience they expect.
5. **Timeline & Process** – Deadlines, Jira workflow, and collaboration plan.

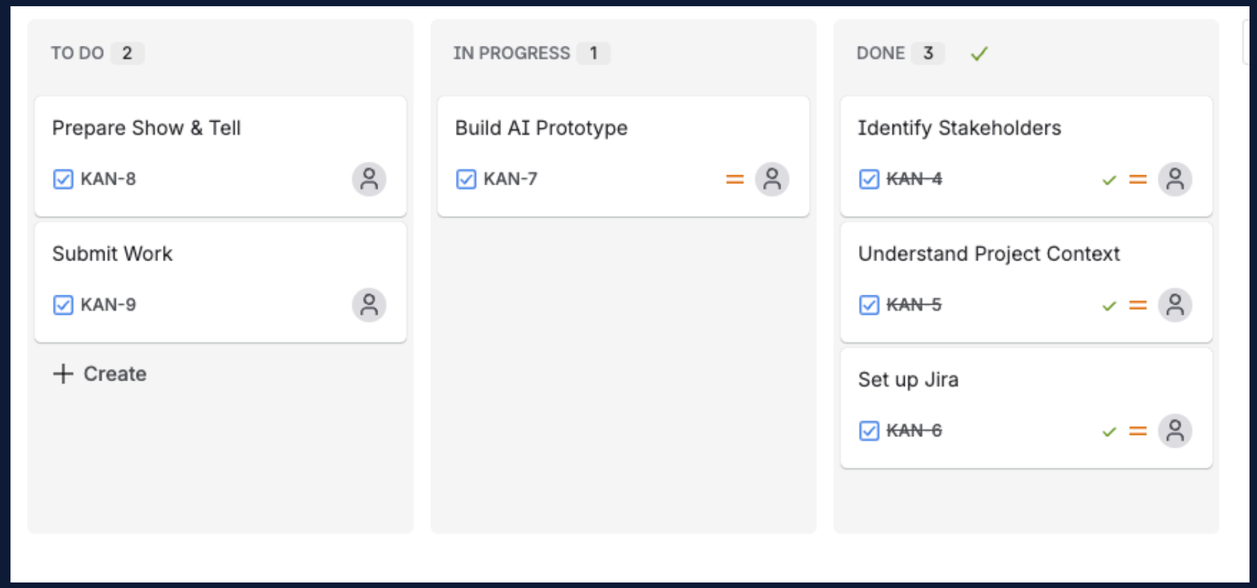
Task 3. - Jira Board

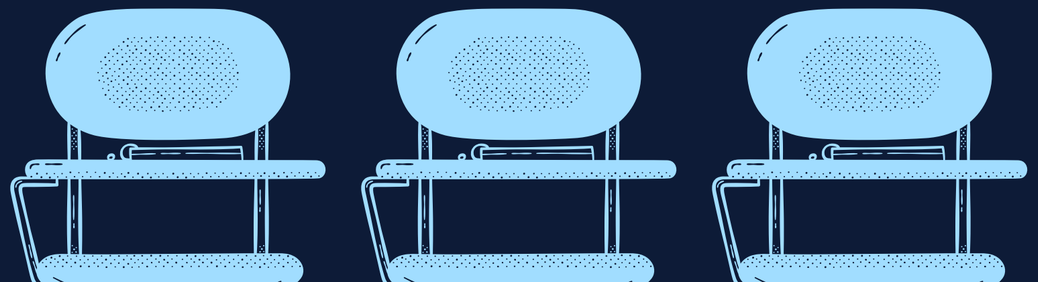
Task 4 - Prototype

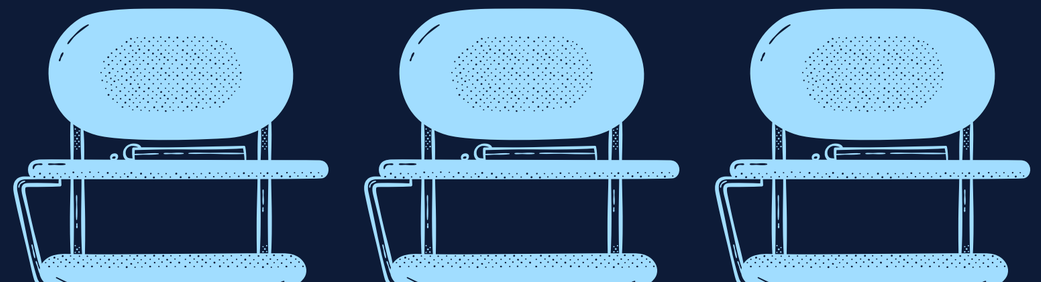
Final Kanban and Thought's

Task 3 — Jira Board

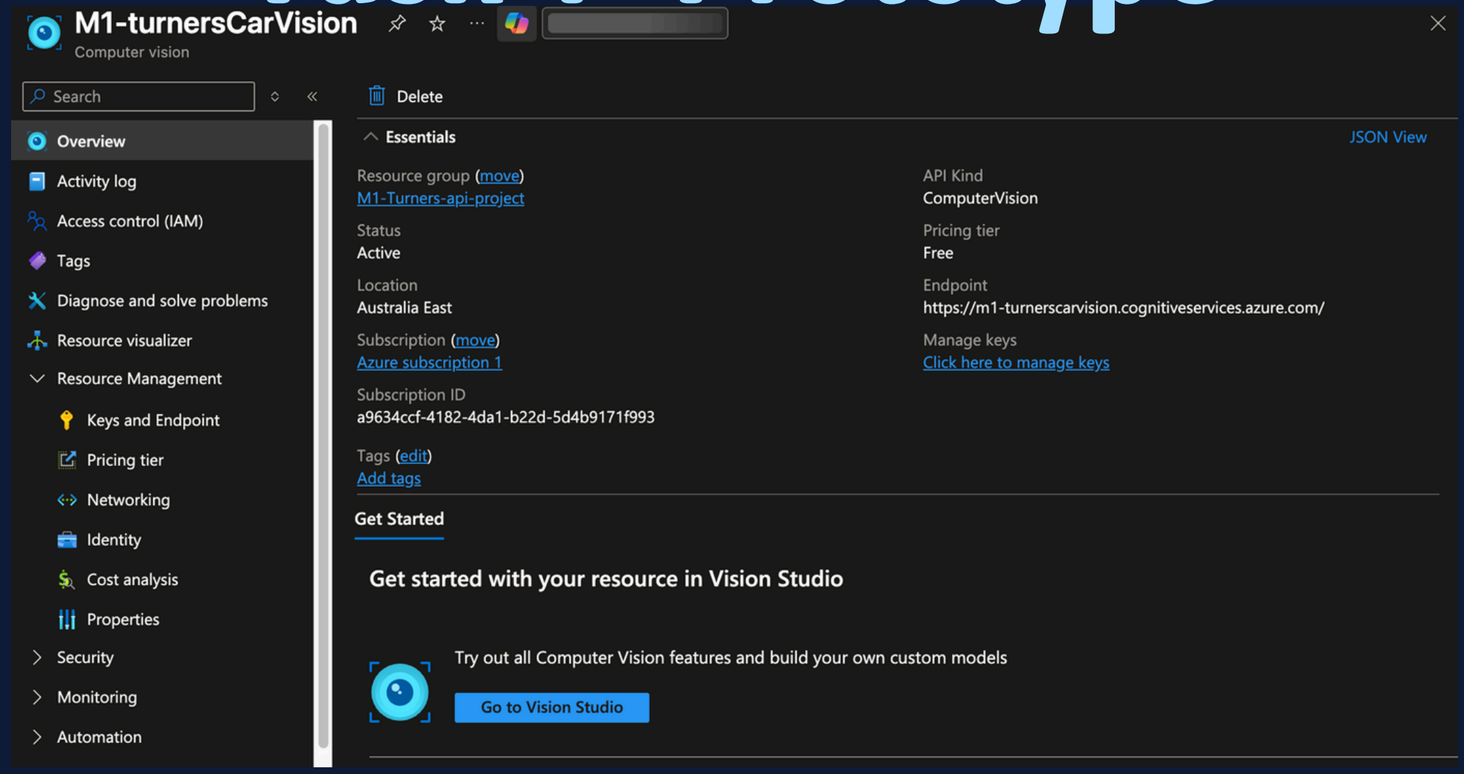


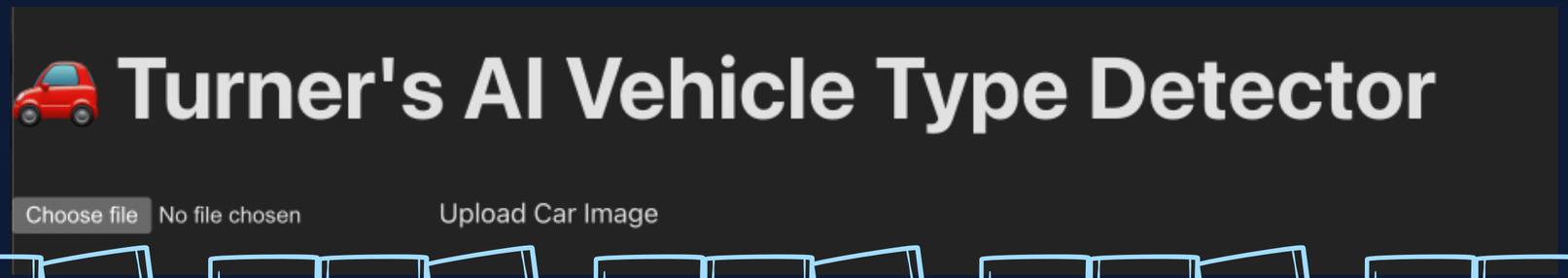






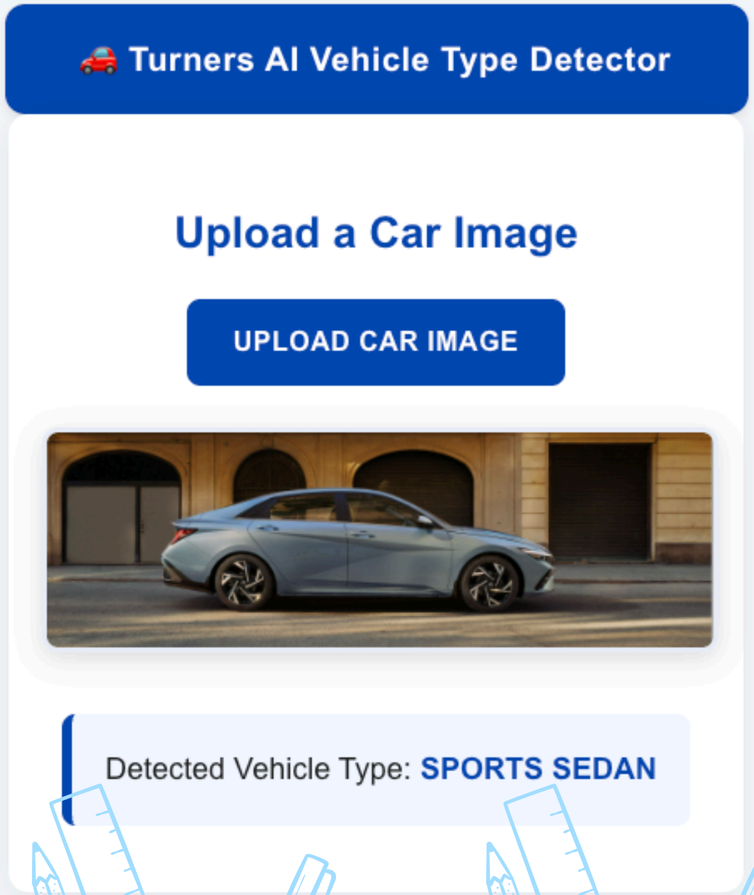
Task 4 - Prototype



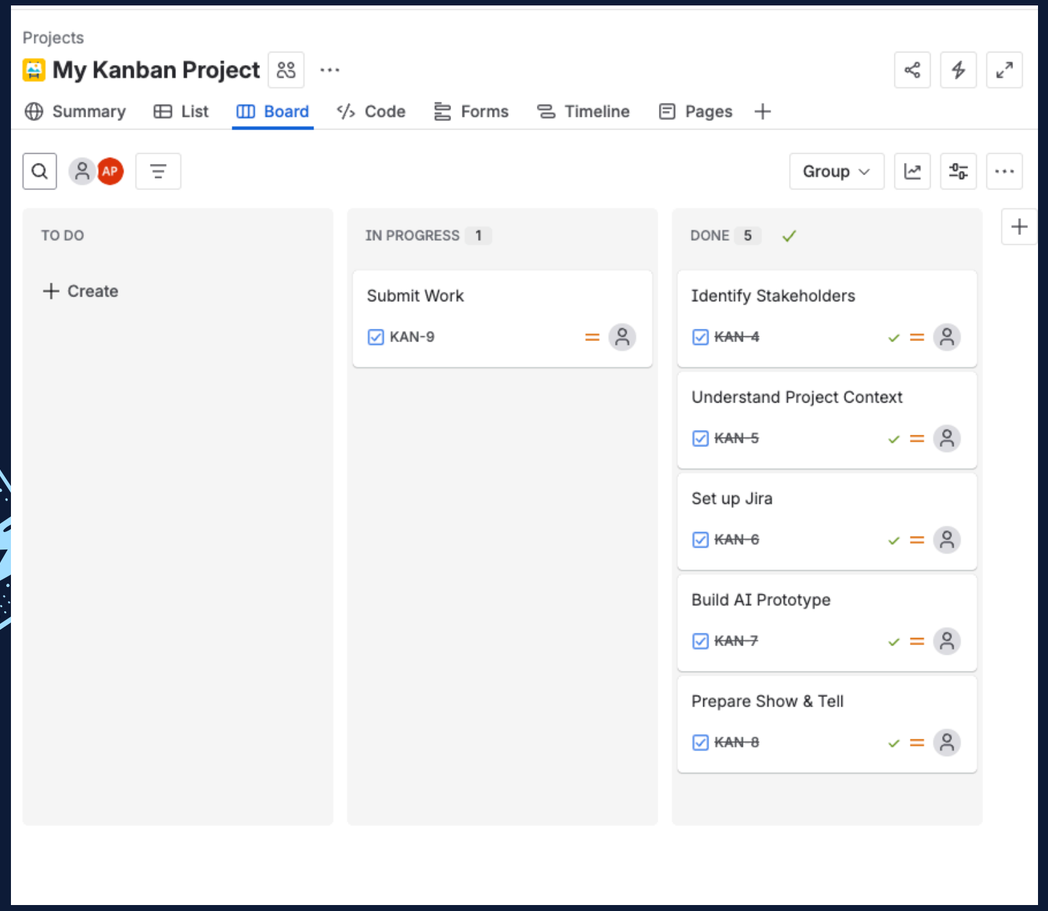


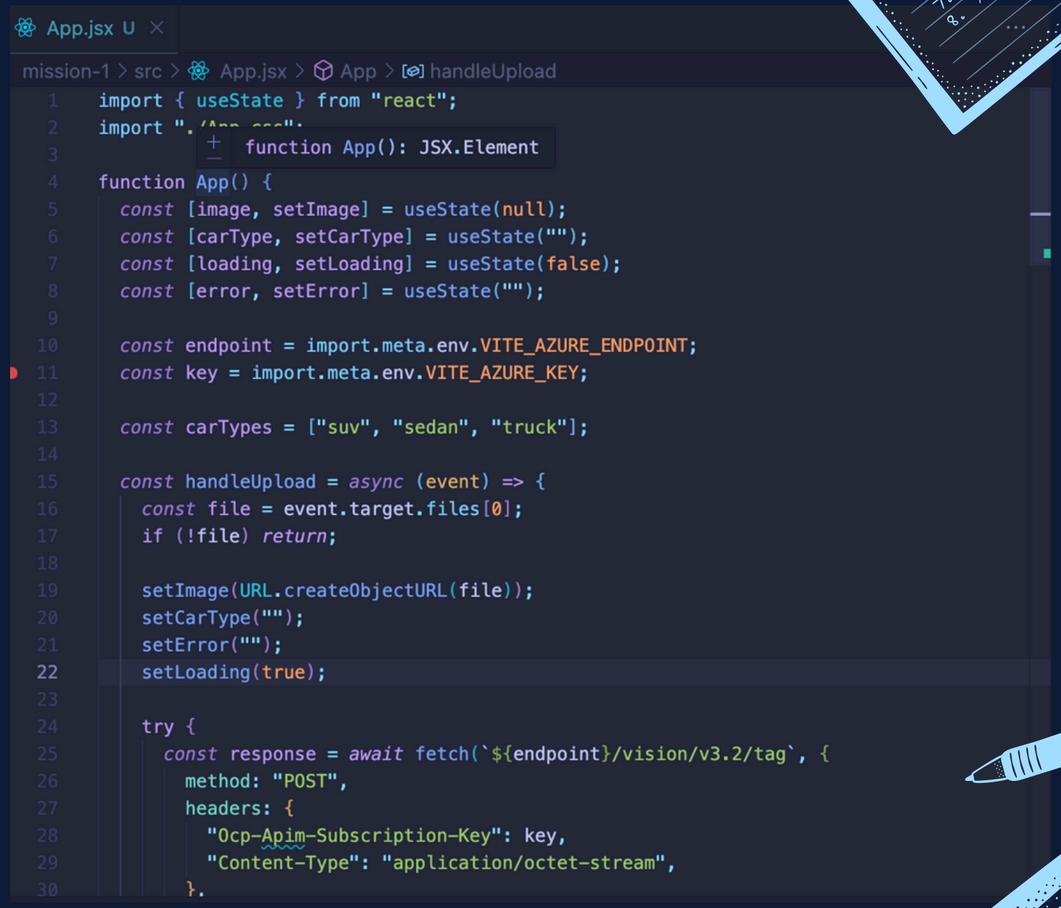
Prototype Test

This is a preview of the fully functional wbsite.



Thank you


Projects
My Kanban Project
Summary
List
Board
Code
Forms
Timeline
Pages
Group
TO DO
Create
IN PROGRESS 1
Submit Work
KAN-9
DONE 5
Identify Stakeholders
KAN-4
Understand Project Context
KAN-5
Set up Jira
KAN-6
Build AI Prototype
KAN-7
Prepare Show & Tell
KAN-8


App.jsx U
mission-1 > src > App.jsx > App > handleUpload
function App(): JSX.Element
import { useState } from "react";
import "./App.css";
function App() {
const [image, setImage] = useState(null);
const [carType, setCarType] = useState("");
const [loading, setLoading] = useState(false);
const [error, setError] = useState("");
const endpoint = import.meta.env.VITE_AZURE_ENDPOINT;
const key = import.meta.env.VITE_AZURE_KEY;
const carTypes = ["suv", "sedan", "truck"];
const handleUpload = async (event) => {
const file = event.target.files[0];
if (!file) return;
setImage(URL.createObjectURL(file));
setCarType("");
setError("");
setLoading(true);
try {
const response = await fetch(`${endpoint}/vision/v3.2/tag`, {
method: "POST",
headers: {
"Ocp-Apim-Subscription-Key": key,
"Content-Type": "application/octet-stream",
},