

# Car data lookup from license plate photo

Data Bootcamp Final Project

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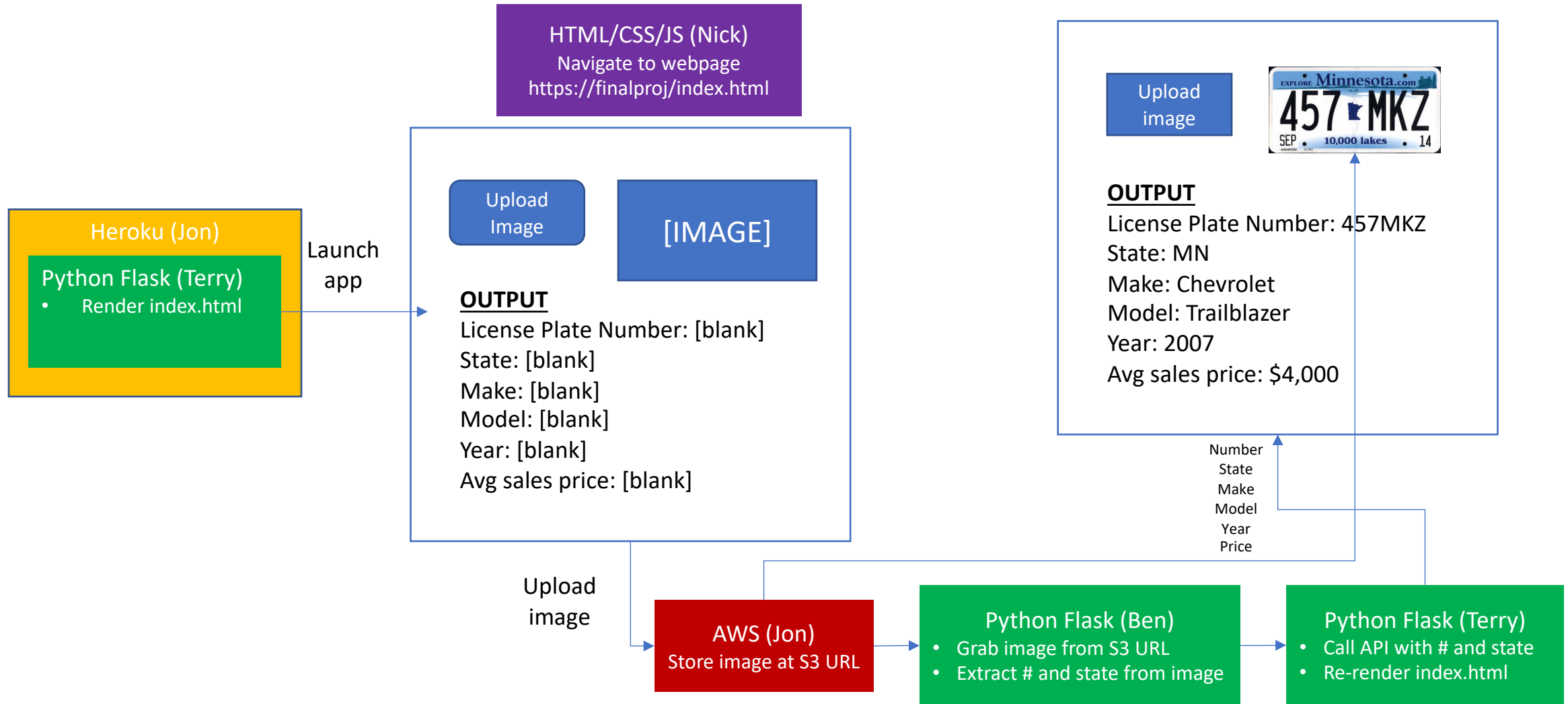
Ben Farniok

Terrence Cummings

# Tasks

1. Heroku deployment and AWS S3 – Jon
2. Webpage for upload photo to S3 and display output – Nick
3. ML extract license plate number and stats from photo – Ben
4. APIs to retrieve car data based on license plate - Terry

# Architecture



# Flask app structure

#Dependencies, libraries, imports

import [...]

#Code to get car data and render webpage

app = Flask(\_\_name\_\_)

@app.route("/")

def home():

image = http://...

[Ben code]

num = 457MKZ

state = MN

[Terry code]

year = 2007

make = Chevrolet

model = Trailblazer

price = 4000

return render\_template("index.html", image, num, state, year, make, model, price)

if \_\_name\_\_ == "\_\_main\_\_":

app.run(debug=True)