LOW PRICE PIZZA LOCATOR

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PROBLEM DESCRIPTION

Web page interface

User input: address, radius, order description (toppings, size, quantity)

Display output: shops found, price of order at each shop, lowest price location

WEB PAGE DESIGN

Html and JavaScript used to program the web page and create template seen by user

Flask used to let web page run python scripts

WEB SCRAPING CODE

Used Selenium from Python to scrape data

Used data from yellowpages about pizza shop locations and order prices

TESTING AND QUALITY ASSURANCE

We tested the code with individual home addresses and radii.

With more time, additional black box and white box testing could be performed

With more time, the UI display would be improved with a template from Bootstrap.

PROJECT DOCUMENTATION

Python

Html and JavaScript

Yellowpages: https://www.yellowpages.ca/

Flask: https://pypi.org/project/Flask/

Selenium: https://pypi.org/project/selenium/

SAMPLE CODE

The code used for this project can be found on our group's GitHub repository.

THANK YOU FOR LISTENING