



# Data Daycare



By: Ben Kelln, Tyler McKay, Kyle Sullivan



# Problem

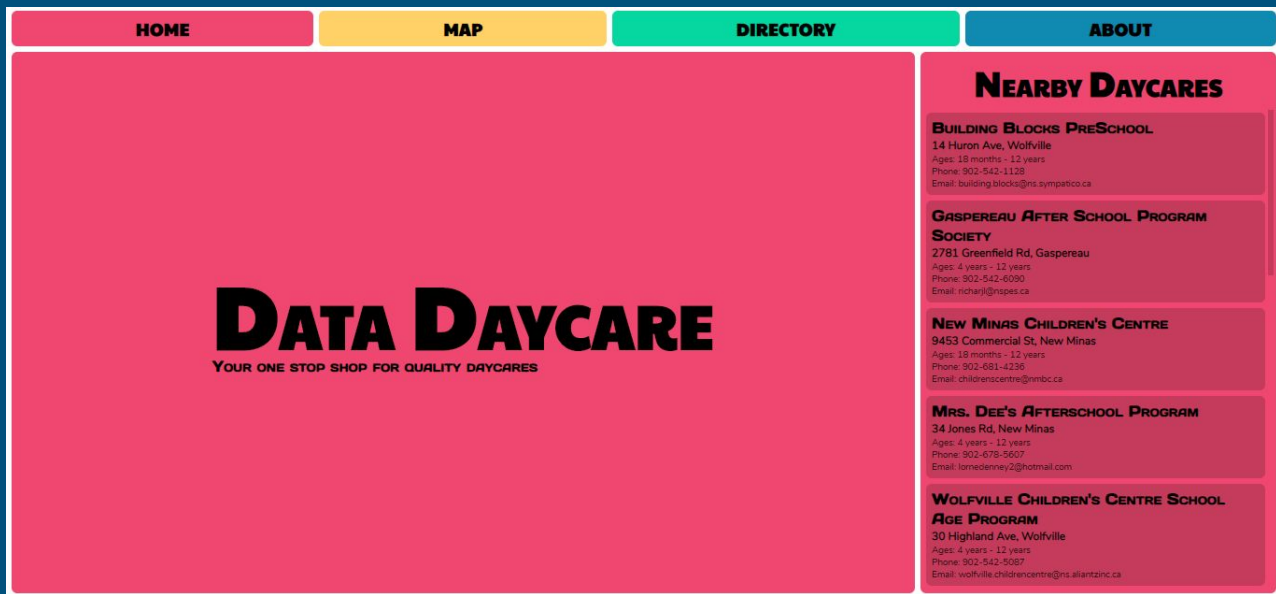
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- Difficulty for parents to find a perfect daycare
- How does a parent find daycares around them?



# Solution

- Provide a public web app to help parents find daycares!

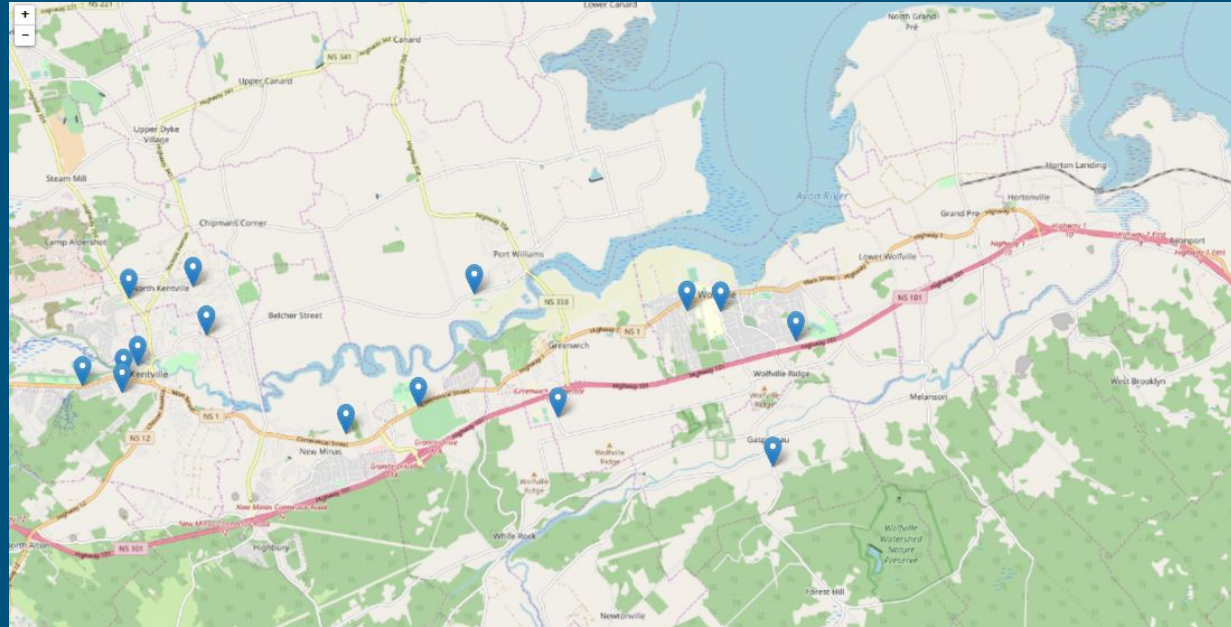


[datadaycare.canadacentral.cloudapp.azure.com](https://datadaycare.canadacentral.cloudapp.azure.com)

# How Data Daycare is Different

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- Interactive map
- Nearby daycares
- Strong filtering
- Easy to use
- Very pretty



# How Data Daycare is Different

County:

City/Town:

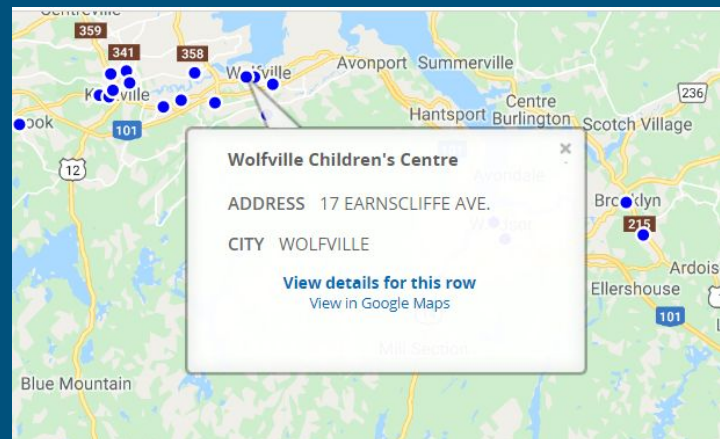
Facility Name:

Program Type

- ☐ Full Day
- ☐ Part Day
- ☐ School Age
- ☐ Family Home Day Care Agency

Age Category

- ☐ Infant: 0 - 17 months
- ☐ Toddler: 18 - 35 months
- ☐ Preschooler: 36 months - 5 years (not in school)
- ☐ School Age: 4 - 12 years (in school)



Facility Name	Address	County	Program Type	Age Category
14 Wing Greenwood Military Family Resource Centre	64 SCHOOL RD. CFB GREENWOOD	Kings County	<ul style="list-style-type: none"><li>• Full Day</li><li>• School Age</li></ul>	<ul style="list-style-type: none"><li>• Infant: 0 - 17 months</li><li>• Toddler: 18 - 35 months</li><li>• Preschooler: 36 months - 5 years (not in school)</li><li>• School Age: 4 - 12 years (in school)</li></ul>
14 Wing Greenwood Military Family Resource Centre Preschool Programs	83 SCHOOL ST. GREENWOOD	Kings County	<ul style="list-style-type: none"><li>• Part Day</li></ul>	<ul style="list-style-type: none"><li>• Toddler: 18 - 35 months</li><li>• Preschooler: 36 months - 5 years (not in school)</li></ul>

# Requirements

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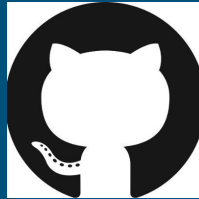
- An interactive map
- Use open data from the government
- Each daycare has its own respective page
- Accessible by mobile or computer
- Fast response time
- Visual Impairments
  - Supports browser zooming
  - Ease of use, large text on control buttons

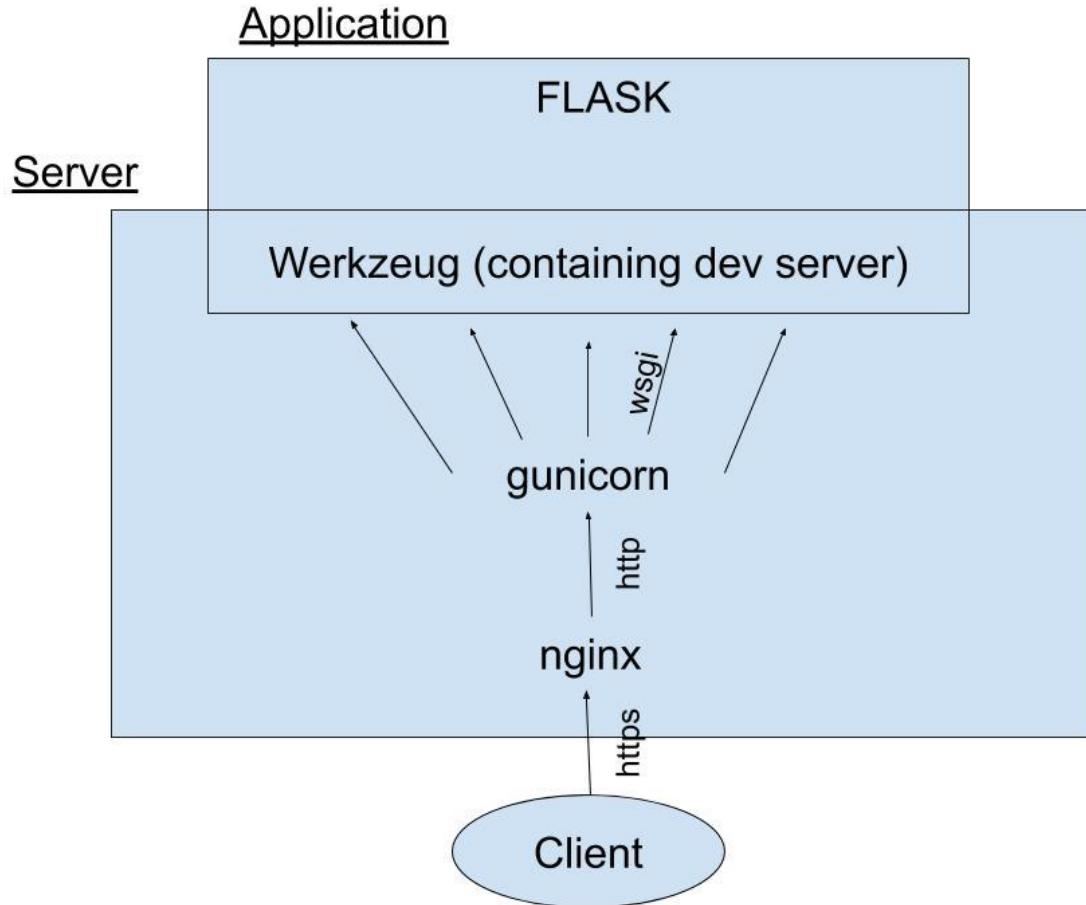
**HOME**

# Design & Implementation

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- Hosted using Azure Cloud (SaaS)
- Collaboration using Github repositories
- FLASK (micro web framework - written in python)



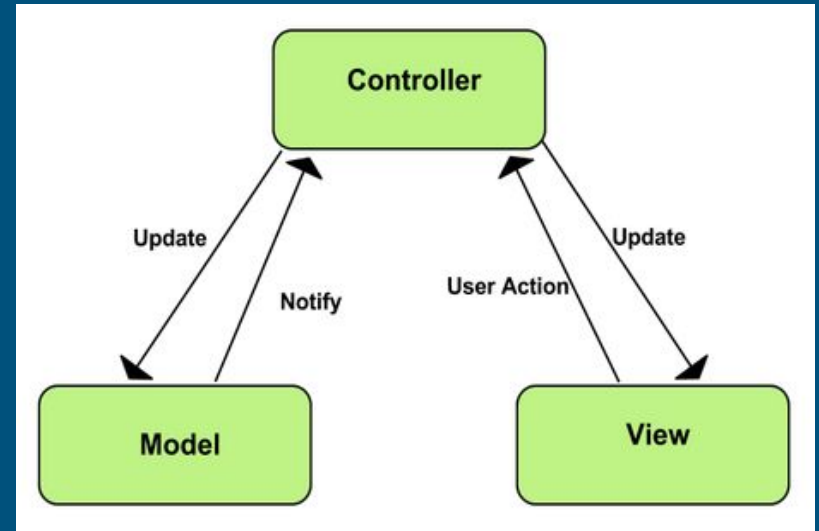




# Architecture

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- Model-View-Controller Architecture
  - Model: Database Interface
  - View: Webpages/HTML
  - Controller: Python Logic



# Demo

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Cloud demo

[datadaycare.canadacentral.cloudapp.azure.com](https://datadaycare.canadacentral.cloudapp.azure.com)

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# Future Work

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- Daycares from other provinces
- Individual daycare pages customizable
- Rating system