

MyLocale



Your friendly neighborhood app

Objective: To host local community pages that act as a central community forum and businesses

Features:

1. Authentication and Authorisation of users
2. Users have their own profile with locations attached
3. Standardised location search using postcodes through an external API
4. Users can view, create, search and join community groups that they are interested in.
5. Group members can post and comment on group pages. Other users can view.

Target Audience

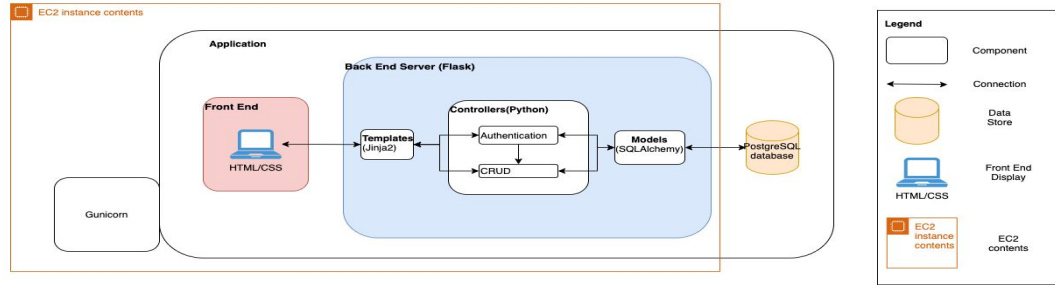
1. Local residents - who wants to keep tabs on their local area
2. Local businesses/services - who wants to maximise exposure of their business/service to residents in the local area.
3. (Secondary) - non-residents who wants to research about an area.

Tech Stack

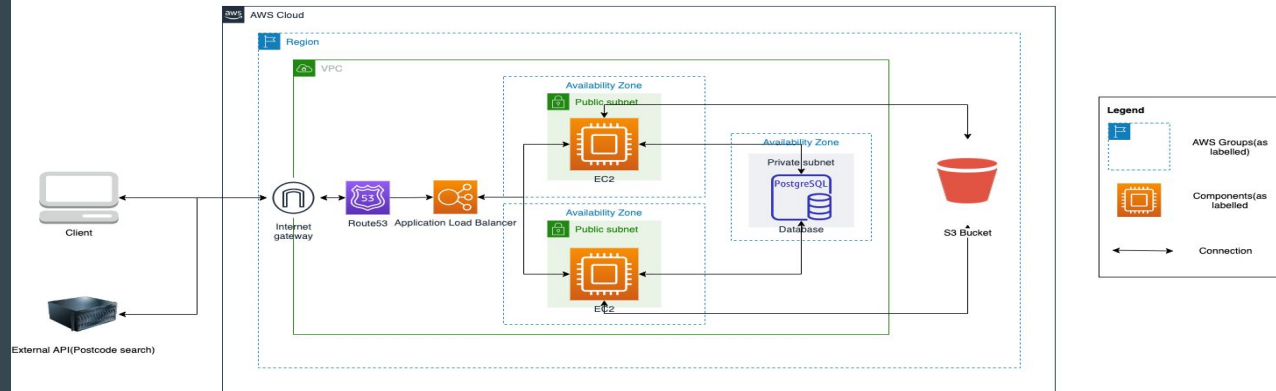
1. Python's Flask Framework
2. PostgreSQL (Database)
3. Jinja2 templating, HTML and CSS for front end
4. SQLAlchemy and Marshmallow (ORM and Serialisation and Deserialisation)
5. Deployed on AWS Cloud

Architecture

App Architecture



Deployment Architecture



Website demo

URL: <https://mylocale.ml/web/profile/>

Project Management

URL: <https://trello.com/b/awN6ojS8/t4a2>

Testing & CI/CD

Thank you!