

WHAT STREET ART

INTRODUCTION

TBD.

OVERVIEW

MILESTONES

MVP v1 must have

- Features:
 - Mural Visualization: List
 - Mural Spotting
- Data Sources:
 - <https://urban-nation.com/art-map>: 50 points
 - <https://streetartcities.com>

Product v1 must have

- Features:
 - Simple Auth (Login/Registration)
 - User Roles (Fan / Hunter / Creator)
 - User Profile Pages
 - Mural Visualization: Map
 - Mural Curation
 - User Settings
- Data Sources:
 - External manual curation

- Eventually integrate with other datasets

Product v2 nice to have

- Features:
 - Mural Search
 - Mural Filtering
- Data Sources:
 - TBD

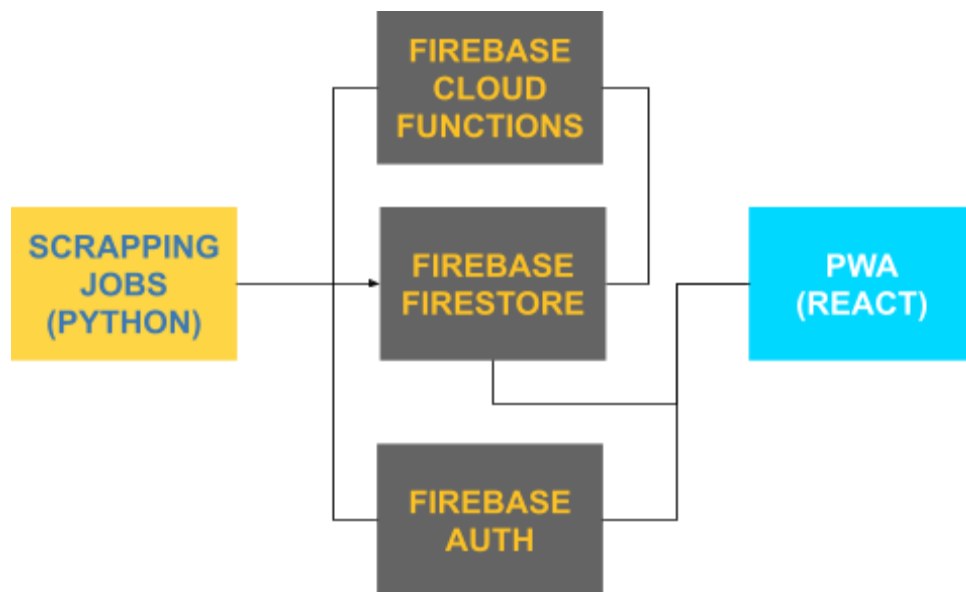
FEATURE BREAKDOWN

MVP v1

- TBD

TECH STACK

Overview



Tools Breakdown

Front-End

- React as a UI language
- react-router-dom for declarative routing

- Typescript for compile-time safety and code scalability with Interface oriented development
- Material UI as our design toolkit
- Formik + Yup for forms and their validation
- immer to work with immutable state in a more convenient way
- jotai for atomic state management

Back-End

- Firebase Cloud functions
- Firebase Firestore
- Firebase Auth

1st -> Local script pushing data to Firestore

2nd -> Serve the image recognition thing as an API

3rd -> Eventually write some firebase functions

4th -> Do your DS stuff (might be 3rd too)