Discover Clementine

Project Roadmap

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**1 OVERVIEW & STATUS**

Discover Clementine is a content aggregator that allows users to browse a large selection of household fixtures by installation dimensions. This gives users the power to narrow their search to only the products that actually fit the requirements of their project. This project is in alpha development and currently focused on the Scrapy Spiders phase.

**2 SCRAPY SPIDERS**

Crawlers coded using Scrapy in Python 3.7 will aggregate product information used to later deliver content to the Django website. Key product information includes:

* Product Name
* Product Description
* Source link
* Image Link
* Product Dimensions
  + Measurements that relate to the overall size, shape and weight of the product itself
  + Each category of products will need a standard list of product dimensions
  + Example: The diameter of a shower drain cover.
* Installation Dimensions
  + Measurements that indicate requirements for proper installation.
  + Each category of products will need a standard list of installation dimensions.
  + Example: The distance between shower drain cover screw holes.
* Manufacturer Specs link

**3 POSTGRESQL SERVER**

A PostgreSQL server will be used to store information scraped from crawlers and deliver content to the website through the Django ORM. The server will be hosted locally for initial testing. We will seek to migrate to a cloud solution at beta.

**4 DJANGO WEBSITE**

A simple Django website with Bootstrap CSS styles displaying scraped content from the server will be the final product of development.