

Guide to Clemson

A Tkinter application

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Introduction

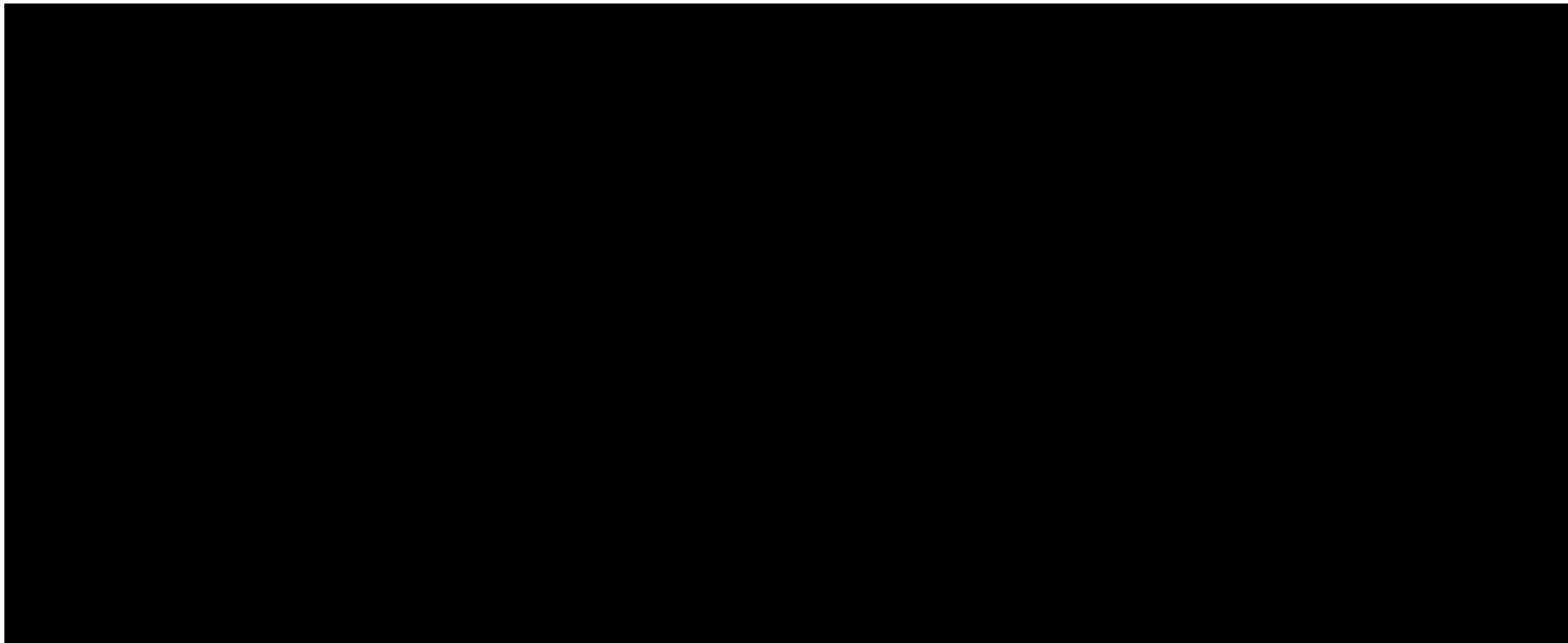
- Improving relations between the city and its people.
- Several websites provide information for the city of Clemson.
- Lack of a platform that has a collection of reliable websites for Clemson.
- Inspiration derived from Yellow pages.
- One stop “know it all” application for the city.
- Decision to prevent reinventing the wheel.
- Need for simple, scalable and easily navigable solution.
- Importance of having town encyclopedias at most frequented places.

Application Overview

- Tkinter application built using Python.
- Contains list of curated categories with links to reliable websites.
- Can be located ideally at major locations around the city.
- Doorway for important information, help for emergency assistance - SOS
- FAQ to help users familiarise themselves with the application.
- Targeted users include all residents and tourists of the town.
- Gateway for city officials and city businesses to reach users.
- Simple grid based GUI inspired by the UN SDG icons.

Demo

Click [here](#) if the video doesn't load.



Learnings & Outcomes

- Gained experience with handling yaml files, Tkinter, Python and Figma.
- Identified less frequented but reliable websites.
- Possibly include a chatbot to help users navigate better.
- Tiles displayed based on the location of the device.
- Extend support to multiple devices.
- Include more categories based on user feedback.
- Explore other tools to improve UI experience.
- Extending the current application to a kiosk.