

Capstone Project

Venue Aggregator

A brief presentation
on Coursera Capstone.



Problem Statement

Users

Where to Eat?

While deciding to eat out, people often get confuse among various venue options.

What are the trending places?

The more trending a venue is, the more people the venue usually attracts.

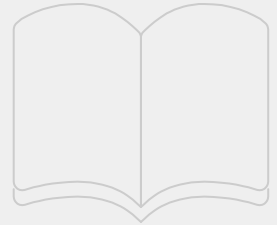
Businessmen

Where should a new venue open?

Businessmen often struggle with the location where they wish to set up a venue.

How will it standout?

The aim is always to bring more innovation and do better than the rivals.





Target Audience !

- **Users/ Customers**
- **Businessmen looking to open a new venue**

A large white circle is centered on a black background. To its left, there are several overlapping circles in shades of gray. To its right, there are several concentric white circles.

Data

- Delhi Neighborhood Data
- Foursquare API data



Data from Kaggle

A dataset with 185 rows and 4 columns- Borough, Neighborhood, Latitude and Longitude

Data from Foursquare API

Used to retrieve information about different venues in each neighborhood.

Methodology

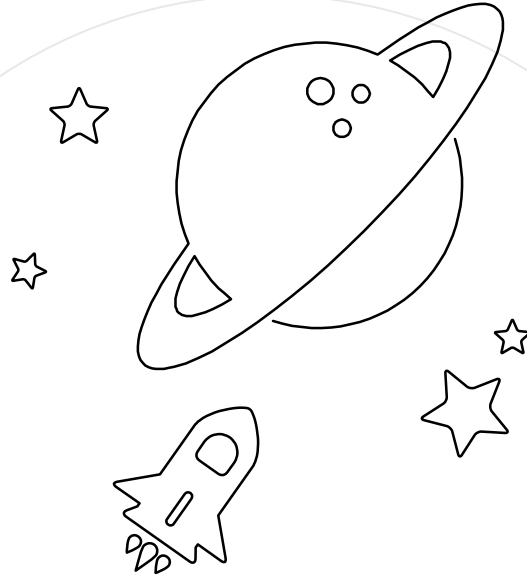
Retrieving Venues for each Neighborhood

By calling Foursquare API using different attributes like limit, radius, search query etc.

Retrieving Information about each Venue

By calling Foursquare API using one main attribute- Venue ID





AIM

To help user view all the available venue options in the selected neighborhood and view necessary information about each Venue.

User can-

- View Images of the Venue
 - Check for popular hours at the Venue
 - View trending locations in the neighborhood
 - Contact Info
- Check Venue Ratings
 - Venue Name
 - Address of the Venue
 - Opening Hours
 - Cuisine



Result

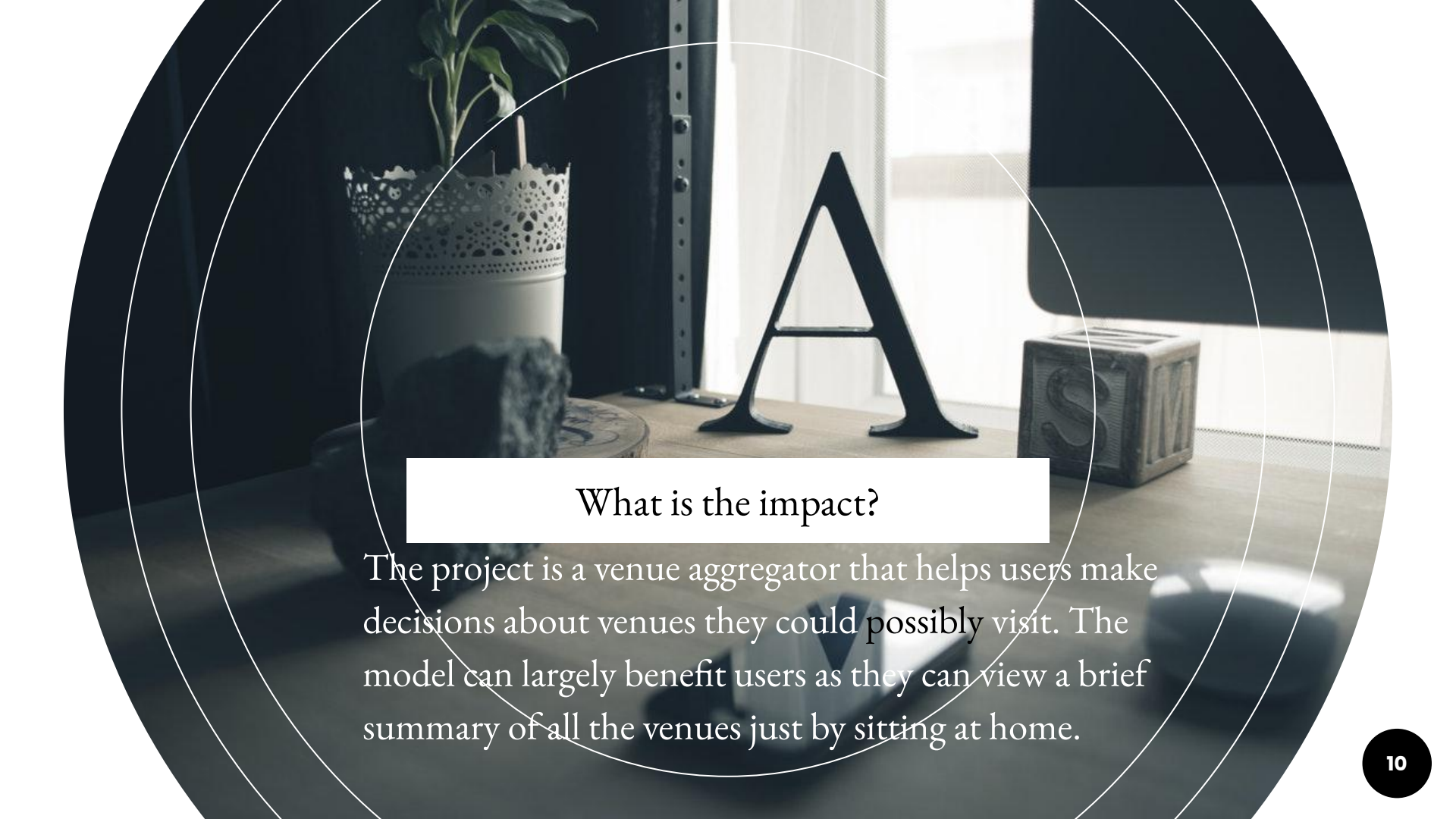
Users

On the basis of various attributes like ratings, likes, photos, opening hours, cuisine, the user can decide which venue they wish to visit.

Businessmen

A person looking to open a new venue in a specific Locality will be informed about what are the popular neighborhoods for such venues.



A circular frame containing a photograph of a desk. On the desk, there is a potted plant with green leaves in a white pot with a lace-like pattern. Next to it is a large, black, three-dimensional letter 'A'. To the right of the 'A' is a wooden block with the letter 'S' carved into it. The background shows a window with light coming through. The entire scene is enclosed in a dark circular frame with two thin white concentric circles.

What is the impact?

The project is a venue aggregator that helps users make decisions about venues they could possibly visit. The model can largely benefit users as they can view a brief summary of all the venues just by sitting at home.