Locus

Title

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1   Introduction

Locus is a mirco service that leverages the Locu API to search for restaurants and menus for the gordan chat bot. It takes in a list of categories and preferences, and returns a list of restaurants or menues for a restaurant. This serves are the data point for the chat bot.

2   Uses Cases

2.1   Recommend restaurants

As an user, I want Locus to recommend me restaurants based on my preferences. 1. User asks gordan bot for food (I would like to eat chicken) 2. NLP interpretes chicken and food as keywork 3. Locus uses these keywords to find at most 5 restaurants for the user 4. Restaurants are shown to the user as action items

2.2   Recommend Menu

As an user, I want information about dishes for a particular restaurant based on my preferences. 1. User clicks on a restaurant action item showing interest 2. Locus uses past keywords to suggest 5 dishes for the user 3. Dishes are shown as action items for the user

3   Tools

Koa is chosen as the language of choice for its coroutine styled API calls. Locus will likely chain many API calls to to the Locu api to aggregate the data for the user. Koa provides an easy and readable syntax for this task.

4   API Endpoints

GET /restaurants/ GET