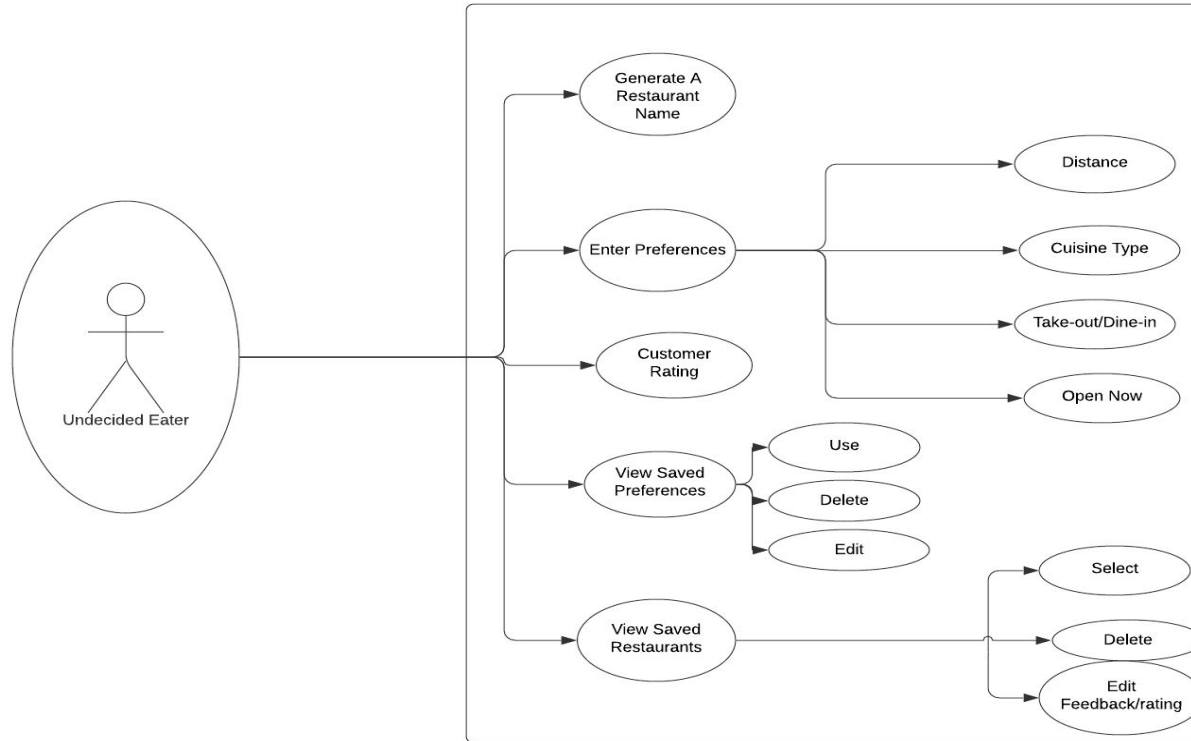# Restaurant Generator

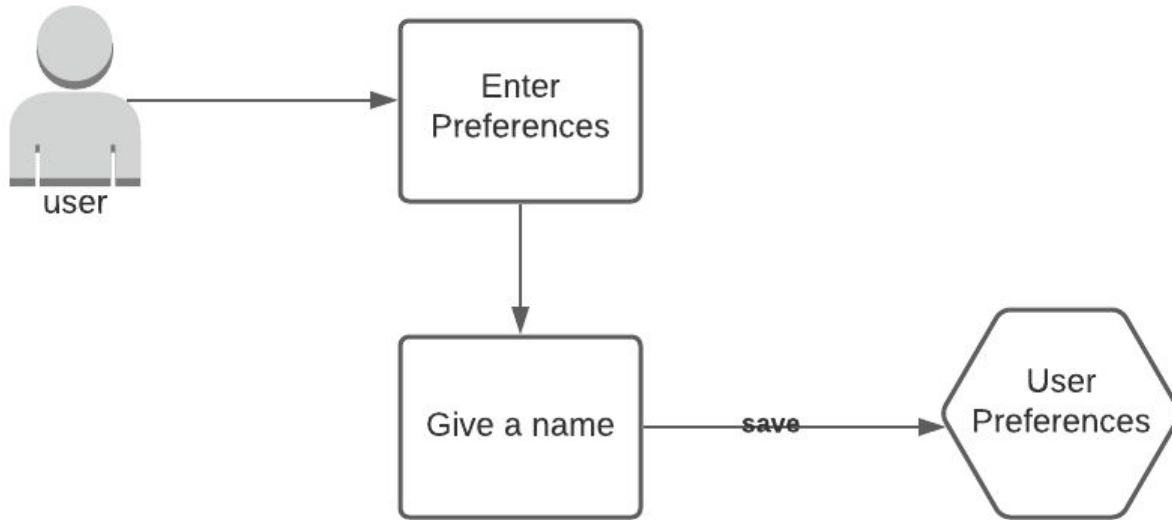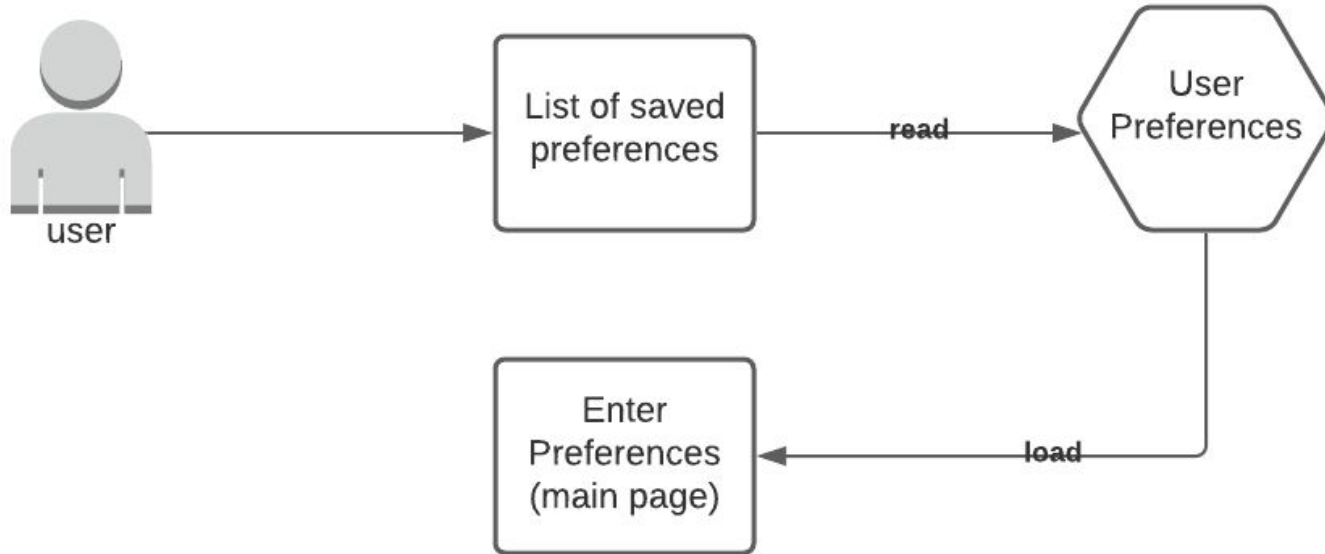Database System 2020
Yamini Pattan
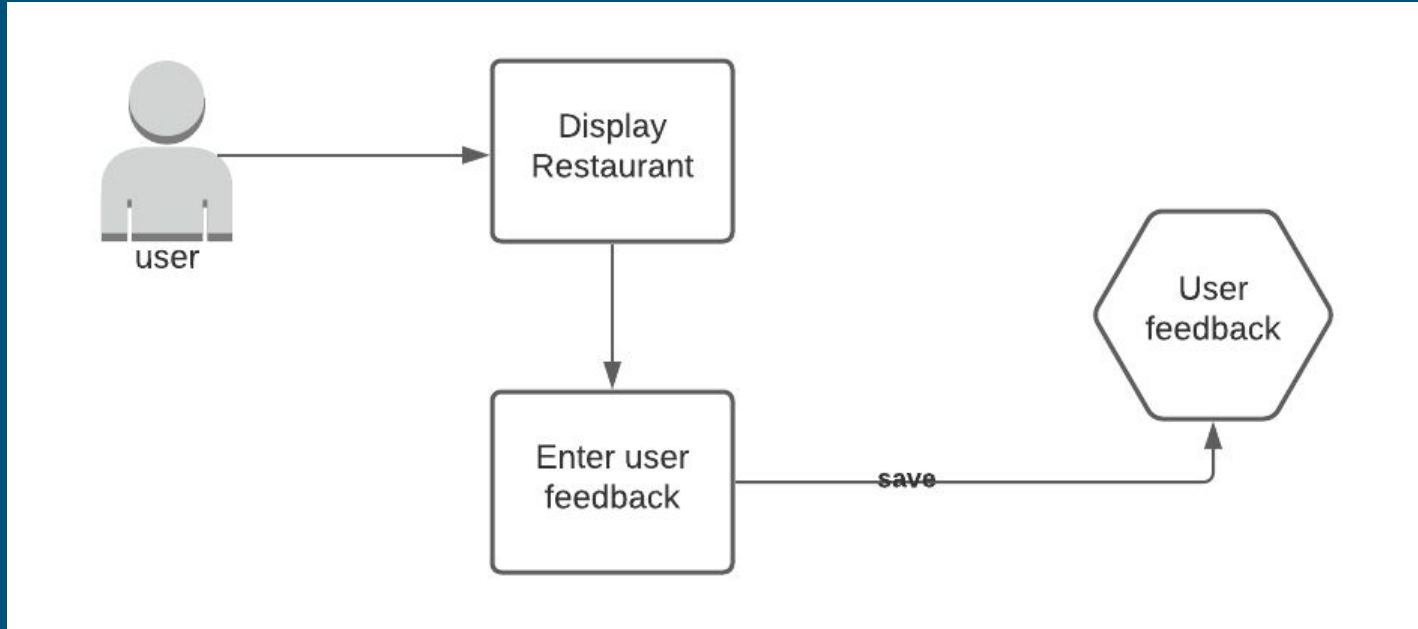Christopher Gomez-Selio

USE CASE UML

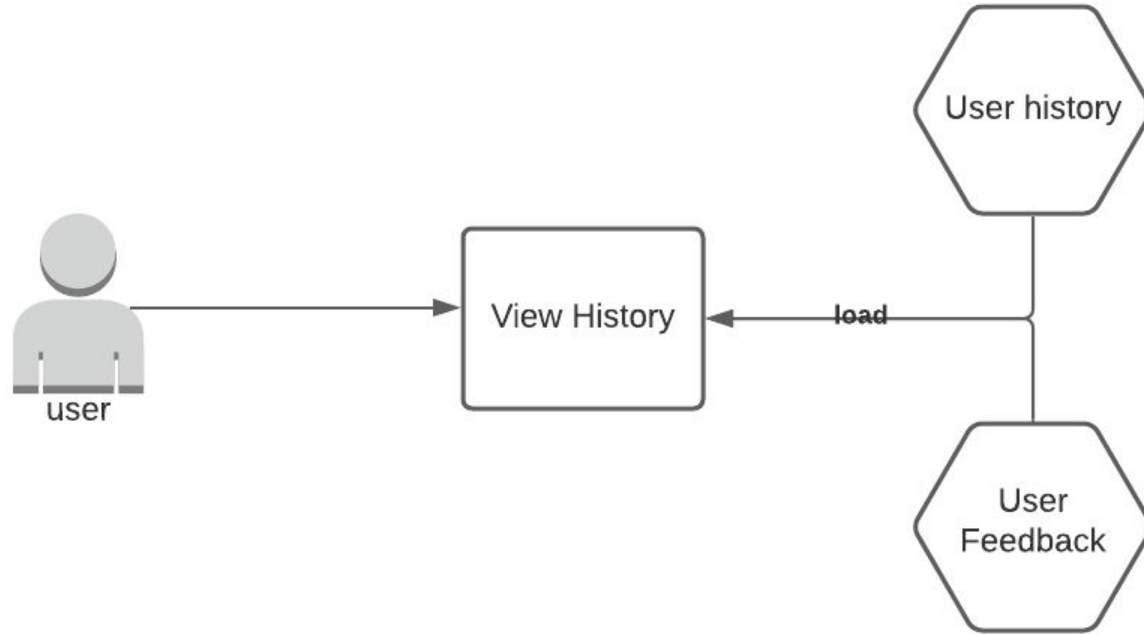# Use Case #1 (Preferences)

Use Case #2 (View Preset Preferences)

Use Case #3 (Enter Restaurant Feedback)
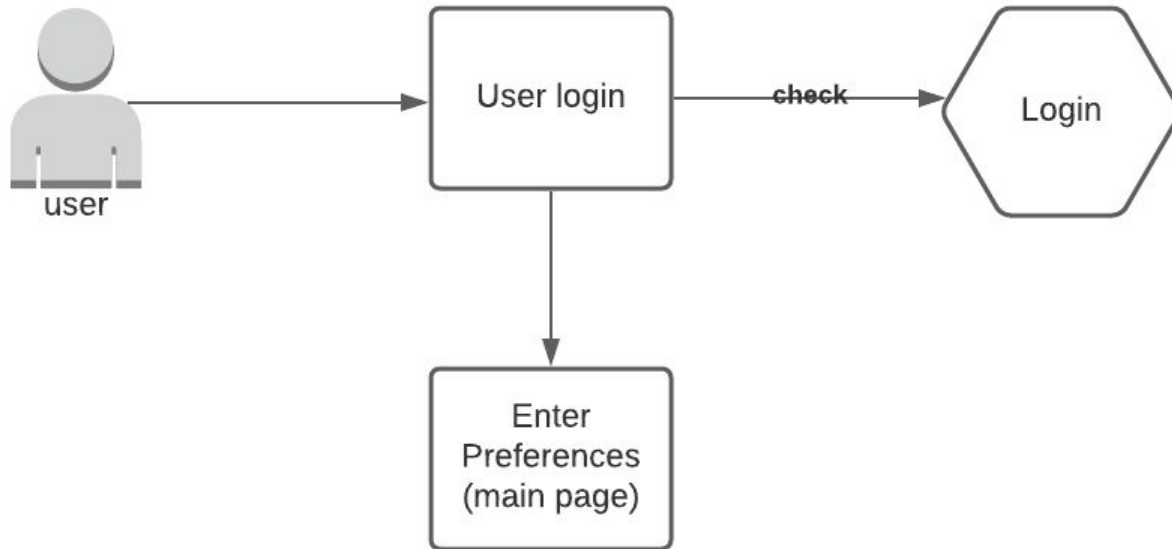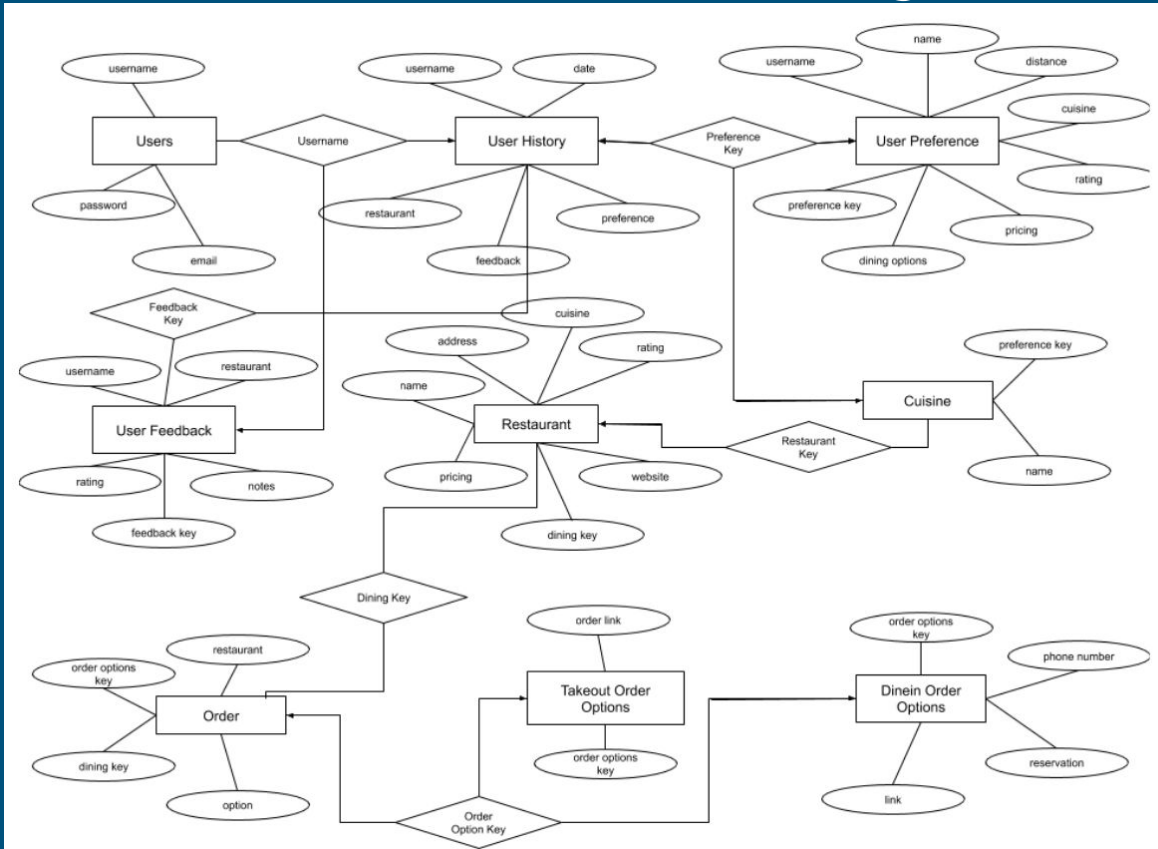
Use Case #4 (View User History)
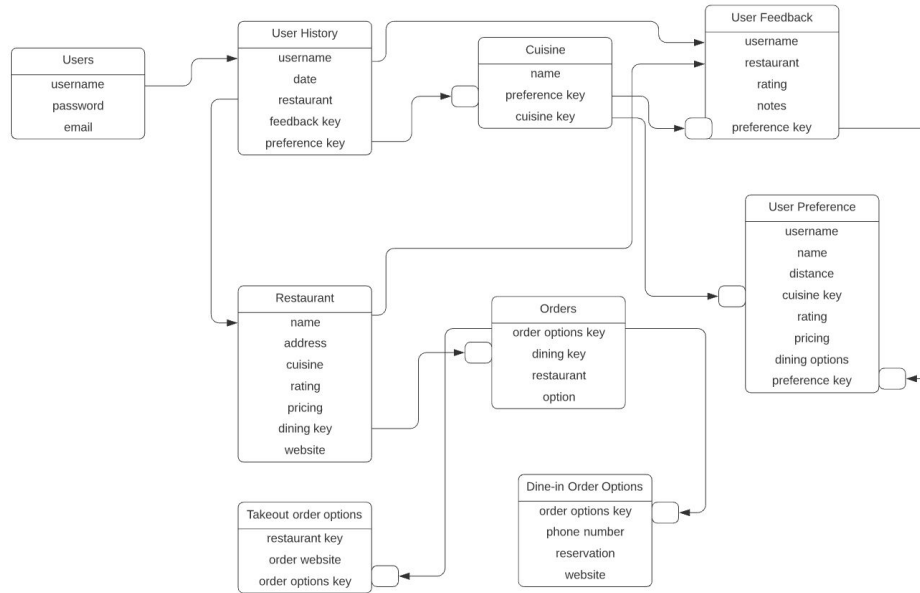
Use Case #5 (Login)

Relational E/R Diagram

E/R Table

Relation Specification

Entities

Users(UserName, email, password)

UserHistory(HistoryUser, Historydate, HistoryPreference, HistoryFeedback, HistoryRestaurant)

UserPreference(PreferenceUser, SavedAs, PreferenceDistance,PreferenceCuisine,PreferenceRating, PreferencePricing, PreferenceDining, PreferenceKey)

Userfeedback(FeedbackUser, FeedbackRestaurant, FeedbackNotes, FeedbackKey, FeedbackRating)

Restaurants(RestaurantUser, RestaurantAddress, RestaurantCuisine, RestaurantRating, RestaurantWebsite, RestaurantDining, RestuarantPrice)

Cuisine(CuisineType, CuisinePreferenceKey)

Relation Specification

Orders(RestaurantOrder, OrderOption, OrderDining, OrderOptions)

TakeoutOptions(TakeouWebsite, TakeoutRestaurant)

DineInOptions(DineinRestaurant, DineinPhone, DineinReservation, DineinWebsite)

Relations

HasUser(UserName)

UserPrefers(SavedAs, UserName)

UserSays(UserName, FeedbackKey)

Relation Specification

RestaurantTypes(CuisineKey, RestaurantName)

CustOrders(RestaurantDining, Username, RestaurantName)

OrderType(RestaurantName, OrderOption)

Github Repository

https://github.com/ypattan/CSE-111-Proj