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SUPEREATS

SUPER EATS
ALEX VUCENOVIC, KYLE ORA, CAMILLO OCAMPO

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INTRODUCTION

The purpose of our requirements document is to inform potential users and investors of SuperEats' functional specifications and performance expectations. To review the system's attributes, methods, and functions, a class diagram, the system requirements, use case diagrams, and use case scenarios will be provided to viewers.

DESCRIPTION MODEL

Inputs:

- **User will input their personal information including; age, name, number, address, and credit card information in order to create an account and use the app**
- **Users will input their preferred food styles of choice (i.e. Chinese, Mexican, Italian, American etc.) in order for the app to be more customized towards the user**

Outputs:

- **User will receive notifications from the restaurant, delivery driver, and order confirmation**
- **User will be able to access previous order history & services**
- **User will be able to rate their services after delivery**

Processes:

- **User will use the SuperSearch function to choose a restaurant, meal, and place their order**
- **User will choose which delivery service & driver they prefer based on cost and delivery estimates**

Performance:

- **SuperEats will collect user data & order preferences to recommend future orders**
- **Notifications will allow the user to see promotional deals from restaurants & delivery services**
- **User will be able to see driver rating/performance to aid in selecting their preferred delivery service**

Security:

- **Due to the contents needed to create an account, SuperEats will secure user's confidential credit card information, as well as personal information through standard data protection protocols**
- **User's order preferences data will not be disclosed to restaurants and fast food chains to ensure complete user privacy from unwarranted data mining**

CLASS DIAGRAM

Create a class diagram. The Class Diagram should contain all of the system objects, their attributes, and any known methods. This diagram may be included as a separate file – it does not need to be inserted into this Word document.

USE CASE DIAGRAM

Create a Use Case Diagram for all of the "uses" of your system. This diagram may be included as a separate file – it does not need to be inserted into this Word document.

USE CASE SCENARIOS

Create a full description Use Case Scenario (detailed descriptions) for each use case of the system. This full scenario should include an enumerated list of steps involved in the activity as well as any exception conditions.

SYSTEM SEQUENCE CHARTS

For each Use Case Scenario, provide a sequence diagram. Use your class diagram, use case diagram and scenarios to create the corresponding System Sequence Diagram.