Systems to interact with:

Order Management System:

* Details: Provides an end point for all orders placed through all restaurant interface such as: waiter system and app/delivery system
* Request / Response: Request
* Request information: Request information about the orders placed – Information should include date, items, price, etc
* Purpose: To retrieve the information needed to analyse the financial information about the company’s revenue / profit
* Required coding:
  + Add route to allow getting item information such as price

Logistic Management System:

* Details: Provides Manages the ordering and shipping of new stock
* Request / Response: Request
* Request information: Request information about the orders placed – Information should include date, items, price, etc
* Purpose: To retrieve the information needed to analyse the financial information about the company’s expenditure
* Required coding:
  + Adding price attribute to stock order at least for each item
  + Adding route to allow for the retrieval of price with orders and items

Authentication System:

* Details: Provides authentication for a given user
* Request / Response: Request
* Request information: Request authentication for a user with given details like username and password
* Purpose: To retrieve information about the user that can be used to determine what information and functionality they should have access to
* Required coding:
  + Adding request to log-in page of web service

Security System:

* Details: Provides protection against malicious requests and machines
* Request / Response: Request
* Request information: Request confirmation that a given request from a machine is secure
* Purpose: Confirm that a given request from a machine is not malicious and the machine is not black-listed
* Required coding:
  + Add call to API to validate incoming requests before they are fulfilled and/or information is sent back