User Stories

*Nouns highlighted in **bold**.*
Actions underscored.

As a **customer**
So that I can check if I want to order something
I would like to see a list of **dishes** with **prices**

As a **customer**
So that I can order the meal I want
I would like to be able to select some number of several available **dishes**

As a **customer**
So that I can verify that **my order** is correct
I would like to check that the **total** I have been given matches the sum of the various dishes in **my order**

As a **customer**
So that I am reassured that my order will be delivered on time
I would like to receive a **text** such as "Thank you! Your **order** was placed and will be delivered before 18:52" after I have ordered

Actions / Methods:

→ *Changing (adding, removing, editing) information in the system*
create_order, send_order,
→ *Getting information from the system*
view_menu, view_order
→ *Both*

Investigating the user stories.

Take the nouns and actions highlighted in the user stories and fill in the three tables below to help us uncover some more details about them and see how they relate to each other.

Actions	Property it reads or changes	Owner
		Customer
see a list of **dishes** with **prices**	dish, price	Menu
select some number of several available **dishes**	dish, order	Menu, Order
check that the **total** I have been given matches the sum of the various dishes in **my order**	order, dish, price, order_total	Menu, Order
send a **text**	text, customer_name, mobile_number, order	Order, Customer

Class diagrams for these user stories:

https://playground.diagram.codes/

CLASS "Customers" as Customers:
-"name"
-"mobile_number"
+"create_customer()"

CLASS "Orders" as Orders:
-"customer"
-"dish"
-"order_date"
-"order_total"
+"create_order()"
+"calc_total()"
+"view_order()"
+"send_order()"

CLASS "Dishes" as Dishes:
-"name_of_dish"
-"price"
+"create_menu"
+"view_menu()"

Customers-Orders: aggregation["0..*","1"]
Dishes-Orders: aggregation["0..*","1"]

Customer

- name
- address

+ create_customer()

0..*   1

Order

- customer
- dish
- order_date
- order_total

+ view_menu()
+ create_order()
+ calc_total()
+ view_order()
+ send_order()

1

Dishes

- dish
- price

+ create_dish

0..*