Kyle Just
Russell Anthony Rickards
Taft Ring
Abdul Kalam Syed
Joshua Jenkins
CS 3560.02
Professor Damavandi
November 18, 2022

Group Assignment #3

Part 1:

   a.

1st Use Case: Create Order
- *Dialog:*

System	Hi cashier, would you like to create a new order?
User	Yes, I would like to create a new order.
System	Here are all menu items and click the submit order button. Remember, at any point you can cancel the order by clicking the cancel order button.
User	I added a chicken sandwich and chicken nuggets to the order.
System	Are you finished with your order?
User	Yes, I am.
System	Okay, please enter a name for the order.
User	His name is Edward Rogers.
System	Order ready to submit. Does this look correct?
User	Yes, the order and name looks correct.
System	Okay! Your order has been submitted!

- *Story Board:*

LOS POLLOS HERMANOS

Manage Order

Create New Order

Foods	Sides	Drinks

Chick san

Last Friday's fries

Seasoned water

Walter's nuggies

Holy bread

Dihydrogen Monoxide

Wang Bang

Mack

Order : 01

-

-

-

-

-

-

Total:

Cancel Order

Edit Order

Finish Order

Panel 1

Foods   **Sides**   **Drinks**

Chick san

Last Friday's fries

Seasoned water

Walter's nuggies

Holy bread

Dihydrogen Monoxide

Wang Bang

Mack

Order panel
Order : 01

- Walter's nuggies   [14] ⬆ ⬇ ▢

-

-

-

-

-

Total: 335.86

Cancel Order   **Edit Order**   **Finish Order**

Panel 2

Foods   **Sides**

Chick san

Last Friday's fries

Seasoned water

Walter's nuggies

Holy bread

Dihydrogen Monoxide

Wang Bang

Mack

Notes panel
Walter's nuggies Notes

Medium rare

Cancel   **Done**

Cancel Order   **Edit Order**   **Finish Order**

Foods　　**Sides**

Chick san

Last Friday's fries

Seasoned water

Walter's nuggies

Holy bread

Dihydrogen Monoxide

Wang Bang

Mack

Order : 01

- Walter's nuggies 14 ⬆️⬇️▢

-

-

-

-

-

Total: 335.86

Cancel Order　　**Edit Order**　　**Finish Order**

Order : 01

- Walter's nuggies 14 : Medium Rare

-

-

-

-

-

-

-

Total: 335.86

Name: Edward Rodgers

Back　　**Submit Order**

LOS POLLOS HERMANOS

Manage Order | Create New Order

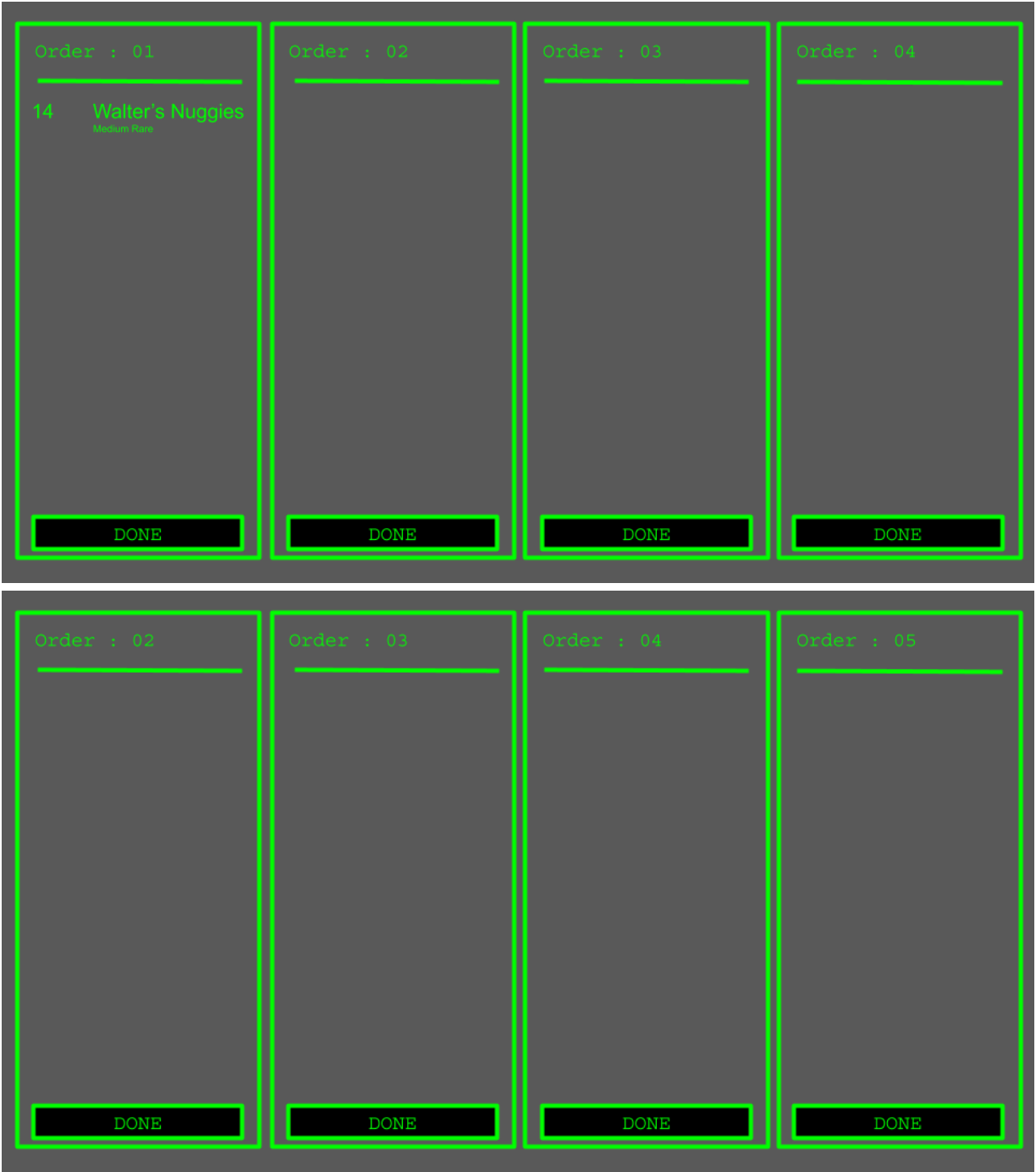| Foods	Sides	Drinks	Order : 02
Chick san	Last Friday's fries	Seasoned water	----------------------
Walter's nuggies	Holy bread	Dihydrogen Monoxide	- - - - - - -
Wang Bang	Mack		Total:

Cancel Order | Edit Order | Submit Order

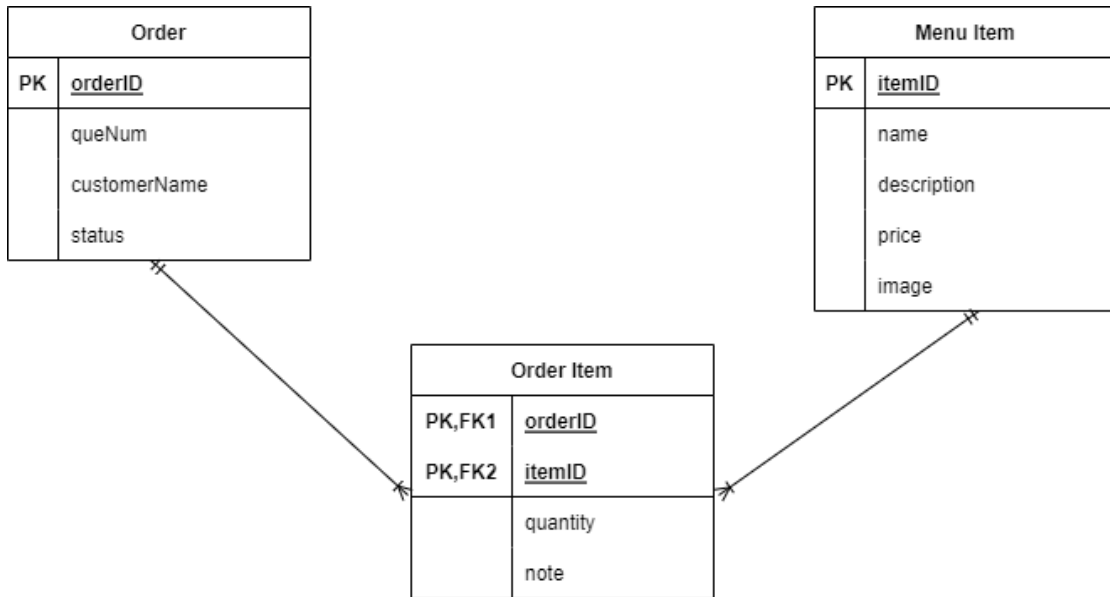**2nd Use Case: Prepare Order**
- *Dialog:*

System	Hello cook! I am displaying the order now.
System	Please verify the order content. You are now able to prepare the order.

User	I just prepared all the items. The order is now prepared on my end.
System	Okay! The order has been marked prepared and is ready to serve.

- *Story Board:*

Order : 01	Order : 02	Order : 03	Order : 04
14 Walter's Nuggies Medium Rare			
DONE	DONE	DONE	DONE

Order : 02	Order : 03	Order : 04	Order : 05
DONE	DONE	DONE	DONE

b.

Order (entity)
- PK: orderID
- queNum
- customerName
- status

Menu Item (entity)
- PK: itemID
- name
- description
- price
- image

Order Item (entity)
- PK,FK1: orderID
- PK,FK2: itemID
- quantity
- note

Order			
order ID	queNum	customerName	status
abx374	1	Edward Rodgers	S
awd414	2	Status Barathian	C
wrx420	3	Kim Possible	X

Menu Item				
item ID	item Name	description	price	image
001	Chick san	a cut of ethically sourced chicken, fried and sandwiched between two buttered buns	17.99	Chicksan.png
002	Walter's Nuggies	somewhat fried balls of meat	23.99	Waltersnuggies.png
003	Wang Bang	a once in a lifetime experience, this will blow your mind	620.17	WangBang.png
004	Last Friday's Fries	local potatoes cut and fried on Fridays (while supplies last)	8.99	LastFridaysfries.png
005	Holy Bread	chef's special bread, you can taste the passion baked into this bread	6.66	Holybread.png
006	Mack	mac.	7.99	Mack.png
007	Seasoned Water	water, with a twist	8.99	Seasonedwater.png
008	Dihydrogen Monoxide	an elixir of life, exclusively available only at our restaurants.	4.99	DihydrogenMonoxide.png

Order Item			
order ID	item ID	quantity	note
axb374	001	3	medium rare
axb374	003	2	8 seasonings
axb374	005	4	null
awd414	001	1	null
wrx420	002	2	null

c.

When we started to design our storyboard between the system and the user, we had to think about the real-world use cases and aspects of the system that needed to exist to accommodate real-world abnormalities. For example, sometimes people will cancel an item in order if they see something else on the menu they would like more, or if the price is higher than they expected. Therefore, while our dialogue does not have the user canceling any items, we include "cancel" buttons on all the pages. We considered the structure of our database schema and made sure that all non-key attributes present in the table were displayed in the UI.

When designing the dialogue, we wanted to describe the average processes of creating an order and preparing an order. When creating an order, the system asks a lot of questions. This is to show that there are fields to complete. The name, the addition of items, and the asking if they want to submit are all fields that the user needs to complete to create an order. As for preparing an order, there's not much to do with the system. Most of it is the preparation of food that doesn't interact with the system. The user is only supposed to verify that the order is correct and press the "done" button when they finish the preparation phase.

Parts 2 and 3 are on Github:

https://github.com/CS-3560-02-5/Los-Pollos-Hermanos-Drive-Thru-System