Requirement Phase – Wilf’s App

Group 4

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**OO Requirements**

**Project Timeline:**

* Tuesday Oct. 25: Meeting to discuss roles and division of work, on the requirements phase.
* Sunday Oct. 30: Collaboration of work on requirements phase, assembled by phase leader – Neil.
* Monday Oct. 31: Submission of requirements phase.
* Tuesday Nov. 1: Meeting to discuss roles and division of work, on the analysis phase.
* Sunday Nov. 6: Collaboration of work on analysis phase, assembled by phase leader – Mason.
* Monday Nov. 7: Submission of analysis Phase.
* Monday Nov. 14: Meeting to discuss roles and division of work, on the design phase.
* Sunday Nov. 20: Collaboration of work on design phase, assembled by phase leader – Neil.
* Monday Nov. 21: Submission of design Phase.
* Tuesday Nov. 22: Meeting to discuss roles and division of work for final report.
* Thursday Nov. 24: Meeting to discuss roles and division of work, on the implementation phase.
* Sunday Dec. 4: Collaboration of work on final report, assembled by phase leader – Mason.
* Monday Dec. 5: Submission of final report and collaboration of work of the implementation phase.
* Tuesday Dec. 6: Submission of implementation phase.

**Actors:**

* Consumer
* Wilf’s employee

**Scenarios:**

1. User can use the app to view:
   1. Menu items
   2. Prices
2. User can use the app to order food and know when their food is ready for pick-up.

**Use Cases:**

Name: *ItemsForOrder*

Participating actor: Initiated by Consumer

Entry Condition: Consumer opens menu

Flow of events:

* User selects category
  + i.e. special, pasta, wings, pizza, drinks
* App displays list of items in the category
* User selects an item
* App opens item page displaying price and description
* User presses ‘add to order’ button
* App adds it to their order
* User Clicks on order tab
* App displays current order of the consumer and the total price
* User Presses checkout button
* App asks for email
* App sends consumer email confirmation

Exit Condition: Consumer receives order confirmation containing their order and order number.

Name: *OrderReadyForPickUp*

Participating actors: Initiated by Wilf’s employee, Consumer

Entry Condition: The food is ready for pick-up

Flow of events:

* Wilf’s employee sends a notification to the app server, that food is ready for pick-up
* App server receives notification
* App server sends notification to Consumers app
* Consumers App notifies the consumer food is ready
* Consumer goes to Wilf’s for food pick-up

Exit Condition: Consumer has their food

**Non-functional requirements**

* App should provide email confirmation (order, price, order number) within 30 seconds of user entering their email.

<<include>>

Customer

Server

Email Send

Order Confirmed

View Order

Add to order

View Items

View Menu