waiter

Class WaiterInterface

java.lang.Object
    waiter.WaiterInterface

```
public class WaiterInterface
extends java.lang.Object
```

Controls what screen the waiter sees. Holds the waiters current tickets.

Author:

```
cms549
```

Field Summary

Fields

Modifier and Type	Field and Description
Ticket	**currTicket** current ticket open, null if none is open
DataBaseCSender	**DBCSender** Sends messages to DB C - used for ticket auditing.
boolean	**loggedOut** When this is true I return from constructor back to log in page
WaiterOneTicketScreen	**oneTickScreen**
WaiterMessageSender	**sender** Sends messages to the Message controller

Constructor Summary

Constructors

Constructor and Description
WaiterInterface(**LogInScreen** lp) Constructor

Method Summary

All Methods   **Instance Methods**   **Concrete Methods**

Modifier and Type	Method and Description
void	**addComment**(int ind, java.lang.String com) Adds comment com to the dish at index ind on the curr ticket
boolean	**addDishToTicket**(**Dish** dish) Adds a the given dish to the ticket that is currently selected.
void	**addGCorCoupon**(double price) Will add a GiftCard or Coupon to the ticket and price
void	**addNotification**(java.lang.String content) Adds a notification on current screen by calling another method in panel
void	**backToMainScreen**() Switches the screen from an open ticket screen to the list of tickets screen.
void	**backToOpenTicketScreen**() Brings you back to the ticket screen you were on before opening the keypad
void	**generateTickets**() Used for testing
boolean	**loadMenu**() Loads menu from database C.
void	**logOut**() Returns upon logging out.
void	**notifyManager**(**Ticket** currTicket2, java.lang.String message) Sends message to manager
void	**notifyWaiter**(int tableNumber) This is called when a table requests their waiter.
void	**openTicketScreens**(int tableNumber) Switches from list of tickets screen to one open ticket screen
void	**paid**(int tableNumber) This is called when a table has paid and server clicks the paid button.
void	**printTicket**(**Ticket** t) Sends a ticket to printer

void	**removeDishFromTicket**(int indexInTicket)	
	Removes a the dish at the given index on the ticket that is currently selected.	
void	**removeLowInventoryDishes**(java.lang.String[] dishes)	
	This is called when low inventory is met and chef can no longer make these dishes.	
void	**sendTicket**(**Ticket** t)	
	Sends ticket to Chef and marks the sent items	
void	**toKeyPadScreen**(char type)	
	Switches the screen to the keypad screen	
void	**updateScreen**()	
	Updates the current panel - makes them redraw all the buttons	

Methods inherited from class java.lang.Object

```
equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

Field Detail

sender

```
public WaiterMessageSender sender
```

Sends messages to the Message controller

DBCSender

```
public DataBaseCSender DBCSender
```

Sends messages to DB C - used for ticket auditing.

loggedOut

```
public boolean loggedOut
```

When this is true I return from constructor back to log in page

currTicket

public Ticket currTicket

current ticket open, null if none is open

oneTickScreen

public WaiterOneTicketScreen oneTickScreen

Constructor Detail

WaiterInterface

public WaiterInterface(LogInScreen lp)

Constructor

Parameters:

lp - - log in screen

Method Detail

logOut

public void logOut()

Returns upon logging out. Sends a message to the Host and MC to notify that waiter is logging out.

loadMenu

public boolean loadMenu()

Loads menu from database C.

Returns:

true on success, false on failure

addGCorCoupon

public void addGCorCoupon(double price)

Will add a GiftCard or Coupon to the ticket and price

Parameters:

```
price - - price of gift card or amt to take off with coupon
```

addDishToTicket

```
public boolean addDishToTicket(Dish dish)
```

Adds a the given dish to the ticket that is currently selected. Caller should make sure currTicket field is not null.

Parameters:

```
dish - - Dish of dish you wish to add
```

removeDishFromTicket

```
public void removeDishFromTicket(int indexInTicket)
```

Removes a the dish at the given index on the ticket that is currently selected. Caller should make sure currTicket field is not null and index is valid.

Parameters:

```
indexInTicket - = index of the dish in the current ticket
```

addComment

```
public void addComment(int ind,
                       java.lang.String com)
```

Adds comment com to the dish at index ind on the curr ticket

Parameters:

```
ind - = index of the dish in the current ticket
```

openTicketScreens

```
public void openTicketScreens(int tableNumber)
```

Switches from list of tickets screen to one open ticket screen

Parameters:

```
tableNumber - - the table number of ticket you wish to open
```

backToMainScreen

```
public void backToMainScreen()
```

Switches the screen from an open ticket screen to the list of tickets screen.

printTicket

```
public void printTicket(Ticket t)
```

Sends a ticket to printer

Parameters:

```
t- - Ticket to print
```

backToOpenTicketScreen

```
public void backToOpenTicketScreen()
```

Brings you back to the ticket screen you were on before opening the keypad

toKeyPadScreen

```
public void toKeyPadScreen(char type)
```

Switches the screen to the keypad screen

Parameters:

```
type - = Type of question you need the screen for - 'g' = giftCard Amount,
'm'= manager id, 'c'= coupon amount, 'n' = notify waiter
```

notifyManager

```
public void notifyManager(Ticket currTicket2,
                          java.lang.String message)
```

Sends message to manager

Parameters:

```
currTicket2 - - ticket object that holds the table number

message - - message to send to manager
```

sendTicket

```
public void sendTicket(Ticket t)
```

Sends ticket to Chef and marks the sent items

Parameters:

```
t - - ticket to send
```

generateTickets

```
public void generateTickets()
```

Used for testing

addNotification

```
public void addNotification(java.lang.String content)
```

Adds a notification on current screen by calling another method in panel

Parameters:

```
content - - content to post on the screen
```

updateScreen

```
public void updateScreen()
```

Updates the current panel - makes them redraw all the buttons

paid

```
public void paid(int tableNumber)
```

This is called when a table has paid and server clicks the paid button. It alerts host and take this ticket off the list.

Parameters:

```
tableNumber - - table number of table that just paid
```

notifyWaiter

```
public void notifyWaiter(int tableNumber)
```

This is called when a table requests their waiter. The host interface will notify the right waiter.

Parameters:

```
tableNumber - - table number of table that asked for their waiter
```

removeLowInventoryDishes

```
public void removeLowInventoryDishes(java.lang.String[] dishes)
```

This is called when low inventory is met and chef can no longer make these dishes. Removes the array of dish names from the menu.

Parameters:

```
dishes - - array of dish names to be removed from menu.
```

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SUMMARY: NESTED | FIELD | CONSTR | METHOD DETAIL: FIELD | CONSTR | METHOD