Stored Procedures Documentation

Database Team

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1 AddFavoriteRestaurant

- Input: uID (int), rID (int)

- Output: the new unique id of that favorite restaurant

2 AddItemToOrder

- Input: orderIDToAddTo (int), menuItemIDToAdd (int), menuID (int), quantityToAdd (int), commentsToAdd (string)

- Output: The new OrderItem ID

3 AddManagerToRestaurant

- Input: userID (int), restaurantID (int)

- Output: The new RestaurantManager ID

4 AddOptionToOrderItem

- Input: optionID (int), orderItemID (int)

- Output: The new OrderItemHasOptions ID

5 CompleteOrder

- Input: oID (int) – the order id you want to complete

- Output: The charge amount of the entire order

6 CreateNewMenu

- Input: startTime (int), endTime (int), mStatus (int), menuName (string), restaurantID (int)

- Output: The new Menu ID

7 CreateNewMenuItem

- Input: mID (int), iName (string), idesc (string), iCategory (int), iPrice (decimal), iGluten (boolean), iMeat (boolean), iDairy (boolean), iNuts (boolean), iSoy (boolean), calories (int)

- Output: The new MenuItem ID

8 CreateNewOrder

- Input: tableID (int), customerID (int)

- Output: The new Order ID

9 CreateNewRestaurant

- Input: rName (string), rDescr (string), rAddress (string), rSalesTax (decimal), rCity (string), rState (string), rZip (string), rCountry (string), pColor (string), sColor(string)

- Output: The newly created restaurant ID

10 CreateOptionForMenuItem

- Input: oName (string), oPrice (decimal), itemID (int)

- Output: The new Options ID

11 CreateRestaurantTable

- Input: alexaID (string), qrCode (string), restaurantID (int)

- Output: The new table ID

12 CreateUser

- Input: firstName (string), lastName (string), email (string)

- Output: The new Users ID

13   GetAccessibleMenus

- Input: rID (int), currentTime (int)

- Output: All of the menus that are accessible at the current time and restaurant

14   GetActiveOrdersForUser

- Input: uID (int) – the id from the Users table you want orders for

- Output: All fields for the active orders pertaining to the input user ID

15   GetAllOrderItemsAndQuantity

- Input: myOrderID (int) – the id from the Orders table

- Output: The item name and quantity for each item on the order of the input order ID

16   GetAllRestaurants

- Input: none

- Output: All of the fields for every restaurant

17   GetAllTablesByRestaurant

- Input: rID - the unique identifier for the restaurant

- Output: All of the RestaurantTables fields pertaining to that restaurant

18   GetCompletedOrdersForUser

- Input: uID (int) – the id from the Users table you want orders for

- Output: All fields for the completed/inactive orders pertaining to the input user ID

19   GetFavoriteRestaurants

- Input: inputUserID (int)

- Output: All of the fields for all of the user's favorite restaurants

20 GetMenuItembyItemId

- Input: id (int) – the id from the MenuItem table

- Output: All fields for the active menu items pertaining to the input menu item id

21 GetMenuItemByMenuID

- Input: id (int) – the id from the Menu table

- Output: All fields for the active menu items pertaining to the input menu id

22 GetMenuItemByName

- Input: iName (string) – the name of the menu item

- Output: All fields for the active menu item pertaining to the input menu item id

23 GetMenusByRestaurantId

- Input: id (int) – the id from the Restaurants table

- Output: All fields for the active menus pertaining to the input restaurant id

24 GetMenuTimes

- Input: mID (int) – the id from the Menu table

- Output: All of the start and end times for the input menu id

25 GetOptionsForMenuItem

- Input: iID (int) – the id from the MenuItem table

- Output: All fields for the active options pertaining to the input menu item id

26　GetOptionsForOrderItem

- Input: oItemID (int) – the id from the OrderItem table

- Output: All fields for the active options pertaining to the input order item id

27　GetOrderByID

- Input: oID (int) – the id from the Orders table

- Output: All fields for the orders pertaining to the input order ID

28　GetOrdersForRestaurant

- Input: rID (int) – the id from the Restaurant table

- Output: All fields for the orders pertaining to the input restaurant

29　GetOrdersInPast24Hours

- Input: userid (int)

- Output: All of the orders for the specific user that were ordered within the past 24 hours

30　GetRestaurantByID

- Input: rID (int) – the id of the restaurant you want to access the records of.

- Output: Returns the information regarding that restaurant.

31　GetRestaurantByName

- Input: rName (string) – the name of the restaurant you want to access the records of.

- Output: Returns the information regarding that restaurant.

32　GetRestaurantByTable

- Input: tID (int) – a unique identifier for a specific table

- Output: Returns the information regarding the restaurant this table is at.

33 GetRestaurantsUserManages

- Input: iUserID (int) – the user id you want to check for

- Output: The restaurant IDs of any restaurants the user manages (null if none)

34 GetTableByAlexaID

- Input: aID (int) – the alexa id you want to check for

- Output: The table id that this alexa is registered at

35 GetTableID

- Input: rID (int), tableNum (int) – the restaurant ID and non-unique table number

- Output: The unique table id that corresponds to the input restaurant and table number

36 GetTotalPriceOfOrder

- Input: orderIDToGet (int) – order id you want the total price of

- Output: The total price of the order, before tax and after tax

37 GetUserIdByEmail

- Input: emailAddress (string) – email of the user

- Output: The user ID that matches that email address

38 MarkOrderReady

- Input: oID (int) – the order ID you want to mark ready to go out to the table

- Output: The number of rows affected (0 means it failed)

39 RegisterAlexaID

- Input: aID (varchar) – the Alexa ID to be registered

- Output: The number of rows affected (0 means it failed)

40 RemoveFavoriteRestaurant

- Input: uID (int), rID (int) – the user id and one of their favorite restaurants
- Output: The number of rows affected (0 means it failed)

41 RemoveItemFromMenu

- Input: mID (int), iID – the item id and the menu id you want to remove it from
- Output: The number of rows affected (0 means it failed)

42 RemoveMenu

- Input: mID (int) – the menu id you want to inactivate
- Output: The number of rows affected (0 means it failed)

43 RemoveMenuItem

- Input: iID (int) id of the menu item you want to inactivate
- Output: The number of rows affected (0 means it failed)

44 RemoveMenuTime

- Input: tID (int) – the id from the MenuTimes table
- Output: The number of rows affected (0 means it failed)

45 RemoveOption

- Input: oID (int) – the id from the Options table
- Output: The number of rows affected (0 means it failed)

46 RemoveUser

- Input: uID (int) – the id from the Users table
- Output: The number of rows affected (0 means it failed). Note: Also removes all the user's orders.

47 SetMenuTime

- Input: startTime (int) , endTime (int), menuID (int)
- Output: The new ID in the MenuTimes table

48 UpdateMenuContains

- Input: mID (int), iID (int), iPrice (decimal)
- Output: The new ID in the MenuContains table