Project Presentation

ApplicationSync Application

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Introduction

What this application is?

This is a application made to run concurrently, parallely with MacDonald’s application.

This application only allows only true customer from getting benefitted from various kind of vouchers, sales, discounts and so on.

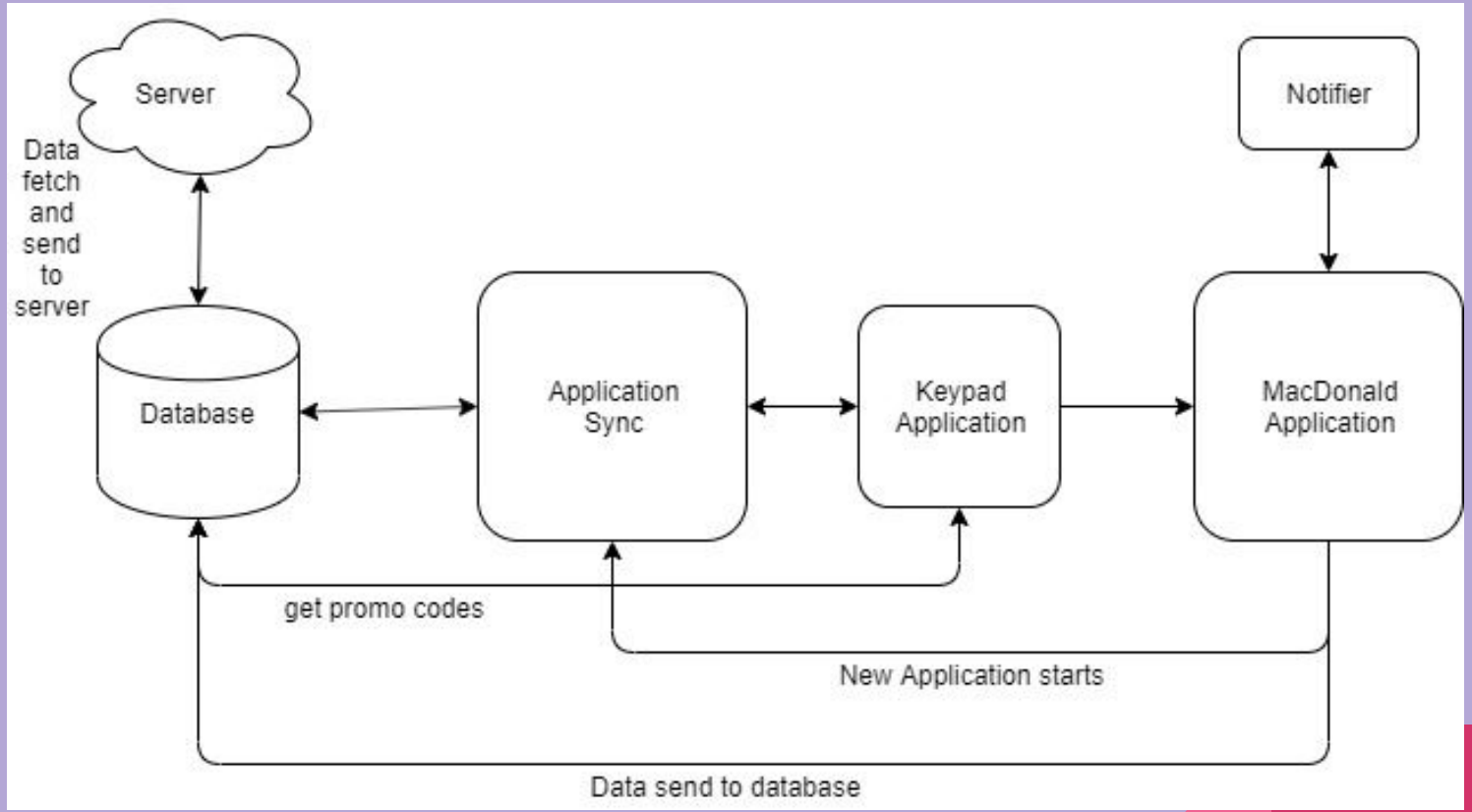
We capture mobile no. of customer and he will get notified about the sales, discount, new arrivals, promos through notification on their mobiles.

How application works:

- We have to start ApplicationSync application. Then we'll start MacDonald's application.
- After that we call macDonald server to get data of promo codes for customers data from macDonald server and store it in database.
- Then Keypad application starts. Here we will take mobile no. of customer and in backend we'll fetch promos for that customer. and this promos will be validated with the promos he wants to apply.
- If he/she is not eligible for promo; the message will get popup saying that he/she not applicable for the promo.
- Otherwise the promo get apply successfully without any message.

How application works:

- Then after bill payment done, the bill details will save to database and then it will send to server by making group the bills which are not send to server.
- Server will send message to customer regarding purchase he did.
- After that again Keypad application will get started waiting for next customer to transact..



Application Flow diagram

Tables & Databases:

Database Used: Sqlite3
Database Name: ProductDB.db

Table: PRODUCT_PRICES

cid	name	type	notnull	dflt_value	pk
0	PRODUCTCODE	INTEGER	0		0
1	EATIN	TEXT	0		0
2	TAKEOUT	TEXT	0		0
3	OTHER	TEXT	0		0

Table: CUST_PROMOS

cid	name	type	notnull	dflt_value	pk
0	MOBILENO	TEXT	0		1
1	PROMO	TEXT	0		2
2	LIFE	TEXT	0		0

Table:CUST_ORDER

cid	name	type	notnull	dflt_value	pk
0	MOBILENO	TEXT	0		1
1	ORDERID	TEXT	0		2
2	STATUS	BOOLEAN	0		0

Table: PRODUCTS

cid	name	type	notnull	dflt_value	pk
0	PRODUCTCODE	INTEGER	0		0
1	SHORT_NAME	TEXT	0		0
2	LONG_NAME	TEXT	0		0
3	DT_NAME	TEXT	0		0

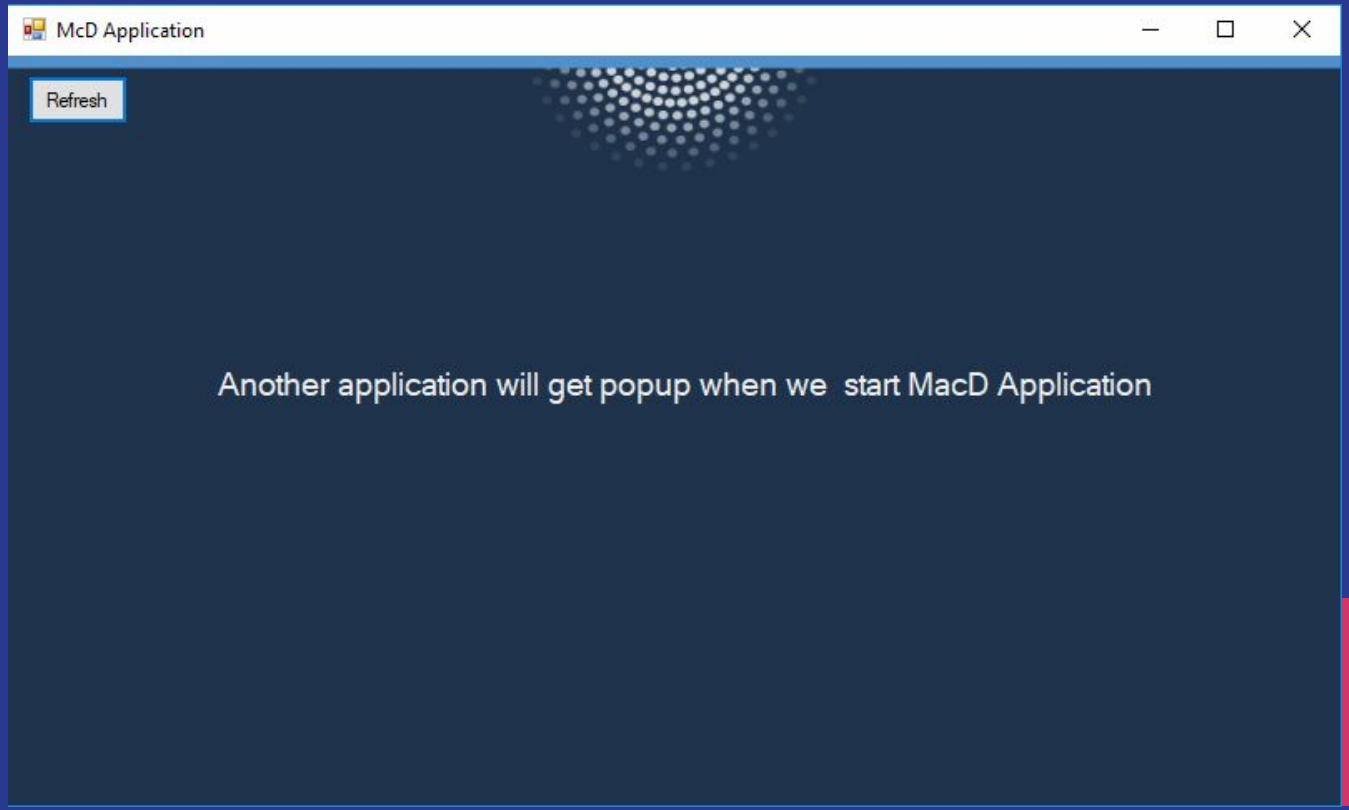
Table: ORDERS

cid	name	type	notnull	dflt_value	pk
0	ORDERID	TEXT	0		1
1	TIME_STAMP	STRING	0		0
2	SALETYPE	STRING	0		0
3	NONPRODUCT	FLOAT	0		0
4	NONPRODUCT	FLOAT	0		0
5	TOTALAMOUN	FLOAT	0		0
6	TOTALTAX	FLOAT	0		0

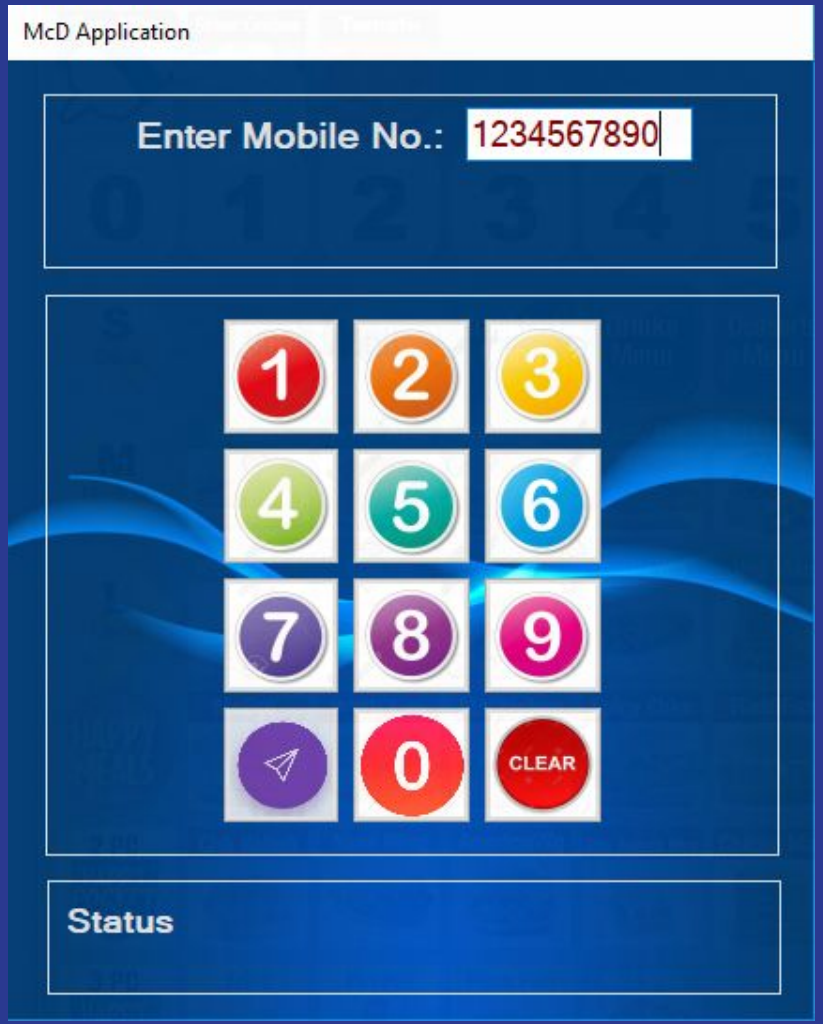
Table: ORDER_ITEM

cid	name	type	notnull	dflt_value	pk
0	ORDERID	TEXT	0		0
1	CODE	TEXT	0		0
2	QTY	TEXT	0		0
3	TOTALPRICE	FLOAT	0		0
4	TOTALTAX	FLOAT	0		0
5	UNITPRICE	FLOAT	0		0
6	UNITTAX	FLOAT	0		0
7	BPPRICE	FLOAT	0		0
8	BPTAX	FLOAT	0		0
9	BDPRICE	FLOAT	0		0
10	BDTAX	FLOAT	0		0

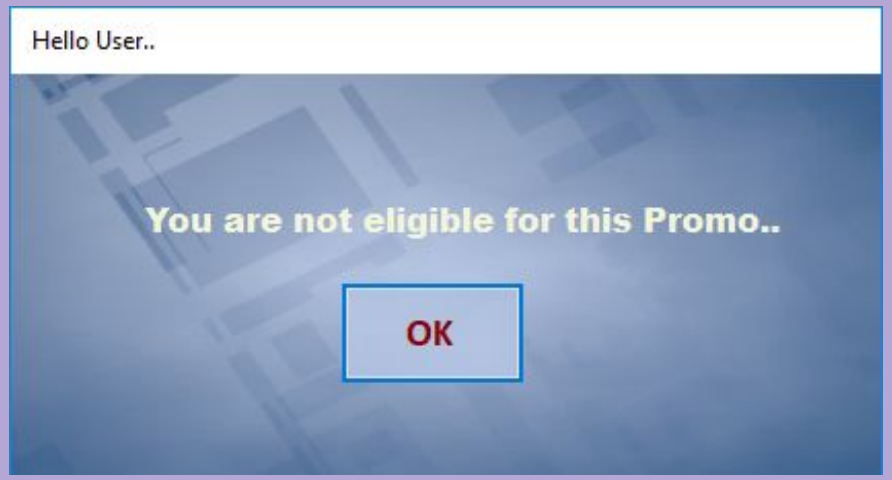
Screens: ApplicationSync main window



Keypad Application



Message box



MacD POS

NP6 vNP6.1.30.MR3QR0B13430 Development Pkg:3743457 (ip=1) Way Station: [Online] Business Day: 09/06/2019
1 HotCakes
1 Veg Muffin
1 Sausage Muffin
1 Egg Cheese
1 Chocolate Flavour
Total in 349.99
Rounding Adjust 0.01
Total Rounded 350.00
Cash Tendered 350.00
Change 0.00
*** END OF SALE ***
Click here to show last sale
User Logged
00:00
Ricardo Caram
05/11/2019 10:36:44
POS 01
FC
SECOND ORDER
Paper Bag
Recall by Number
Manager
0 1 2 3 4 5 6 7 8 9
S Small
Lunch Menu
Breakfast Menu
Drinks Menu
Desserts Menu
McCafé Menu
Kiosk Menu
Condiment Menu
LSM Promo Menu
M Medium
L Large
HAPPY MEALS
2 PC HAPPY POCKET CARD
3 PC HAPPY POCKET CARD
McAloo
WWB Aloo
McVeggie
Spicy Pnr
Salad Wrap
Paneer Wrp
Mex McAloo
Naan Veg
AmericnVeg
MexAlo Wrp
Veg Mac
Salsa Bean
McEgg
WWB Egg
McChicken
Spicy Chkn
FiletOFish
S Chkn Wrp
Chk Kebab
Naan NVeg
AmericnNVg
Chk Kebab Wrp
Chickn Mac
Salsa Chic
Fries
Piri Piri
Pizza Puff
Mex Fries
Coke Float
Coke
Cappuccino
Chesy Wedg
Happy Meal
SELF SERVE
New Rice Menu
Conversion Menu
CANCEL ITEM
WWB Menu
Nuggets & Selects
PROMO ITEM
GMAL Menu
Share Pc Menu
CLEAR CHOICE
SharePack 2
SharePack 3
Show Prices OFF
Special Functions
Make Meal
Eat In Total
Meal
Take Out Total

System & Software configuration

Op. System:	Win.XP or above
RAM:	512 MB minimum
Hard Drive:	10 GB minimum
Processor:	1GHz minimum

SQLite Database 3+

.Net Framework

MacDonald’s POS application