

FOODGO-Food Delivery App

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Introduction

- **FOODGO** is a mobile app that allows customers to place a food order from any of the restaurants in an area using their smartphone or tablet device.
- It works for consumers as it can't get better than food being delivered to your doorstep.
- To restaurants, it means an expansive reach and more business through such delivery platforms.

Introduction...

- Food delivery apps have spurted in magnitude and popularity since COVID-19 hit our home turfs.
- With social distancing becoming a solid norm, such apps are the need of the hour.

Existing System

- In existing system for giving any orders users should visit hotels or restaurants to know about food items and then give order and pay advance.
- In this method time and manual work is required.
- Maintaining critical information in the files and manuals is full of risk and a tedious process.

Proposed System

- This online application enables the end users to register online, select the food from the e-menu, read the E-menu card and order food online.
- The benefit of this is that if there is rush in the Restaurant cannot affect your food habit and you can directly order the food to the chef online by using this application.
- The user will be given a username and a password to login.

Module Description

- Tracking Orders.
- Assign Delivery Boy.
- Payment Gateway Interaction.
- Cancellation Policies.
- Notification.
- Reports.

Hardware and Software Specifications

- Hardware Specifications

- pentium i3
- 4GB RAM
- 500gb hard disk

- Software Specifications

- Operating System: Windows/Linux
- Web Technologies: Django,Html,css,Javascript
- Database: Sqlite
- Front-End:python
- backend:mysql-phpmyadmin

Product Backlog

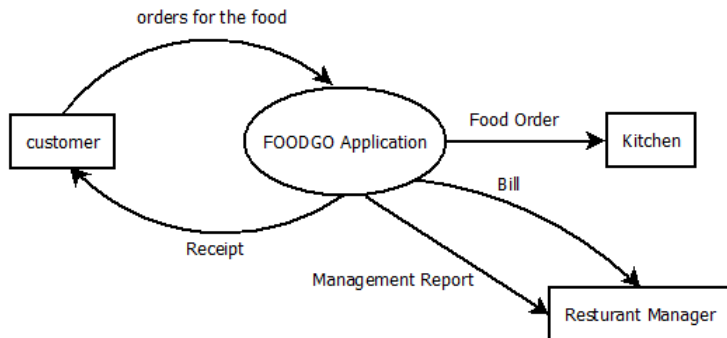
Product Backlog		
S.No.	Modules	priority
1	Tracking Orders	1
2	Assign Delivery Boy	2
3	Payment Gateway Interaction	3
4	cancellation Policies	4
5	Notification	5
6	Reports	6

Sprint Backlog

Sprint Backlog			
S.No.	Date	Tasks	Status
1	31/3/2021 TO 5/04/21	Discussion of topics and require- ments	Completed
2	7/04/21 TO 15/05/2021	Table design, DFD,form design and coding	In progress

Data Flow Diagram

Level 0



Data Flow Diagram

Level 1

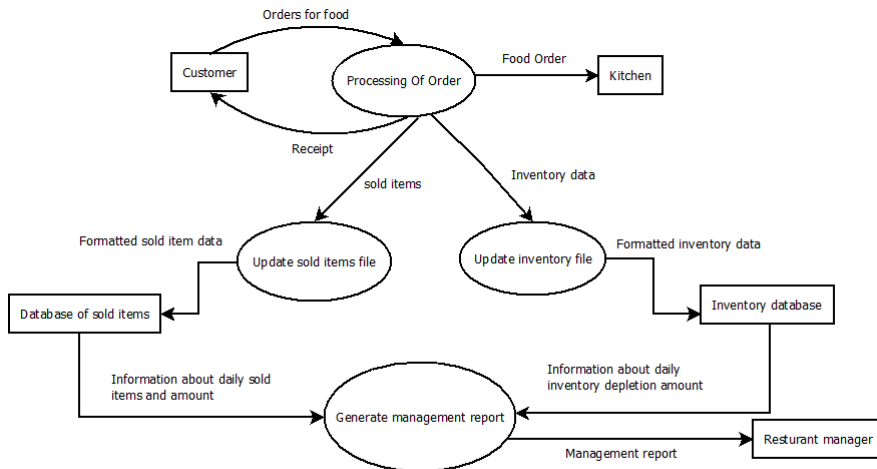


Table Design

Table: User

FIELD	DATA TYPE	CONSTRAINT
id	Int(11)	Primary Key
name	varchar(250)	not null
email	Varchar(250)	Not null
phone	varchar(250)	Not null
ac number	varchar(250)	Not null
gpay	Varcha(250)	Not null
address	varchar(250)	Not null
img	varchar(250)	not null
status	int(11)	not null
password	Varchar(250)	Not null

cont...

Table: User address

FIELD	DATA TYPE	CONSTRAINT
id	Int(11)	Primary Key
user id	int(11)	not null
address	Varchar(2500)	Not null
status	int(11)	Not null
lat	varchar(250)	Not null
lng	Varchar(250)	Not null
created at	timeStamp	Not null
updated at	timeStamp	Not null

cont...

Table: User Image

FIELD	DATA TYPE	CONSTRAINT
id	Int(11)	Primary Key
user id	int(11)	foreign key
address	Varchar(250)	Not null
created at	timeStamp	Not null
updated at	timeStamp	Not null

cont...

Table: Orders

FIELD	DATA TYPE	CONSTRAINT
id	Int(11)	Primary Key
user id	int(11)	foreign key
store id	int(11)	Not null
name	varchar(20)	Not null
email	varchar(20)	Not null
phone	varchar(250)	not null
address	varchar(250)	not null
d charges id	varchar(250)	Not null
discount	varchar(250)	Not null
total	varchar(250)	Not null

cont...

Table: Store

FIELD	DATA TYPE	CONSTRAINT
id	Int(11)	Primary Key
store id	int(11)	Not null
cate id	int(11)	Not null
created at	timeStamp	Not null
updated at	timeStamp	not null

cont...

Table: Items

FIELD	DATA TYPE	CONSTRAINT
id	Int(11)	Primary Key
store id	int(11)	Not null
category id	int(11)	Not null
name	varchar(200)	Not null
img	varchar(250)	not null
status	int(11)	Not null
small price	varchar(75)	Not null
medium price	varchar(75)	not null
large price	varchar(75)	not null
non veg	int(11)	not null

cont...

Table: Delivery boys

FIELD	DATA TYPE	CONSTRAINT
id	Int(11)	Primary Key
store id	int(11)	Not null
name	varchar(250)	Not null
phone	varchar(250)	not null
password	varchar(250)	Not null
show password	varchar(250)	Not null
active	int(11)	not null
created at	timeStamp	not null
updated at	timeStamp	not null

cont...

Table: City

FIELD	DATA TYPE	CONSTRAINT
id	Int(11)	Primary Key
name	varchar(250)	Not null
status	varchar(250)	not null
s data	varchar(250)	Not null
created at	timeStamp	not null
updated at	timeStamp	not null

Tracking Orders

(Group 1)

Form design

Assigning Delivery Boy

Running Orders
Home / Running Orders

Ready for Dispatch #228

Select Delivery Option

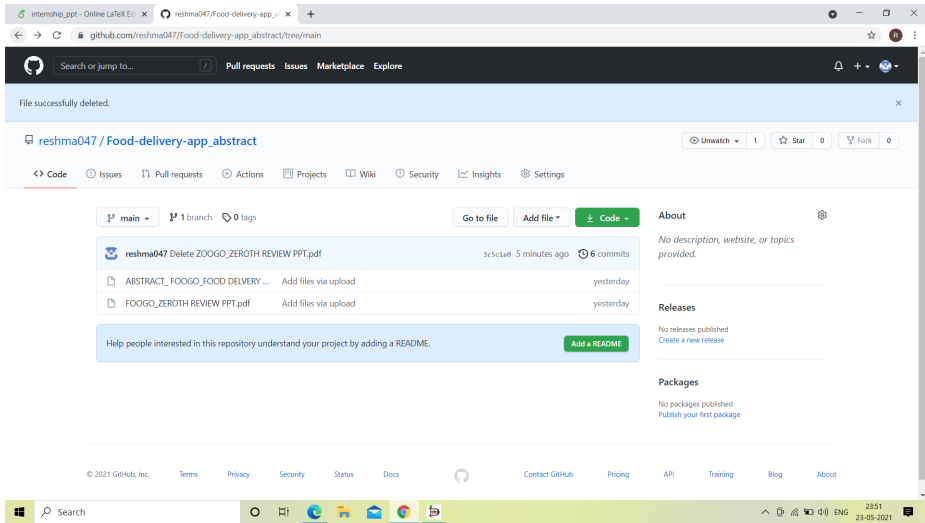
Select

Dispatch Order

Close

ID	STORE	USER	ADDRESS	ITEMS			
#228	Al Kareem Arabic Restaurant Cash On Delivery	test 1234567890 Delivery By Admin	Address1.	Item			
					Delivery Charges : ₹40	Discount : ₹0	Total : ₹40
							Options +
#227	Al Kareem Arabic Restaurant Cash On Delivery	Test User 1234567890 Delivery By Admin	Address1.	Item	Qty	Price	Picked by Delivery boy at 30-Apr-2021 04:26:PM Print Bill Options +
					Delivery Charges : ₹40	Discount : ₹0	Total : ₹40
							Options +
#226	Test User Cash On Delivery	Test User 1234567890 Delivery By Admin	Address1.	Item	Qty	Price	New Order at 12-Mar-2021 10:12:AM Options +
					Delivery Charges : ₹40	Discount : ₹0	Total : ₹40

GIT Screenshot



Conclusion

- It helps customer in making order easily.
- It gives information needed in making order to customer.
- The demand for the food will never reduce and so the demand for these food delivery application will never diminish.

References

- ① <http://www.allresearchjournal.com/archives/2017/vol3issue3/PartD/3-3-54-357>
- ② <http://sjput.in/pdf/Marketing>
- ③ <http://sphweb.bumc.bu.edu/otlt/MPHModules/SB/BehavioralChangeTheo>

Thank You