



FOOD COURT TRANSACTION

SOFTWARE ENGINEERING PROJECT

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KEY FEATURES



Order Placement

Customer selects the food items and places the order.

01



Monthly Report

Report about what were the items sold and at which price every month.

02



Employee Management

Easy hiring and dismissal of receptionists.

03

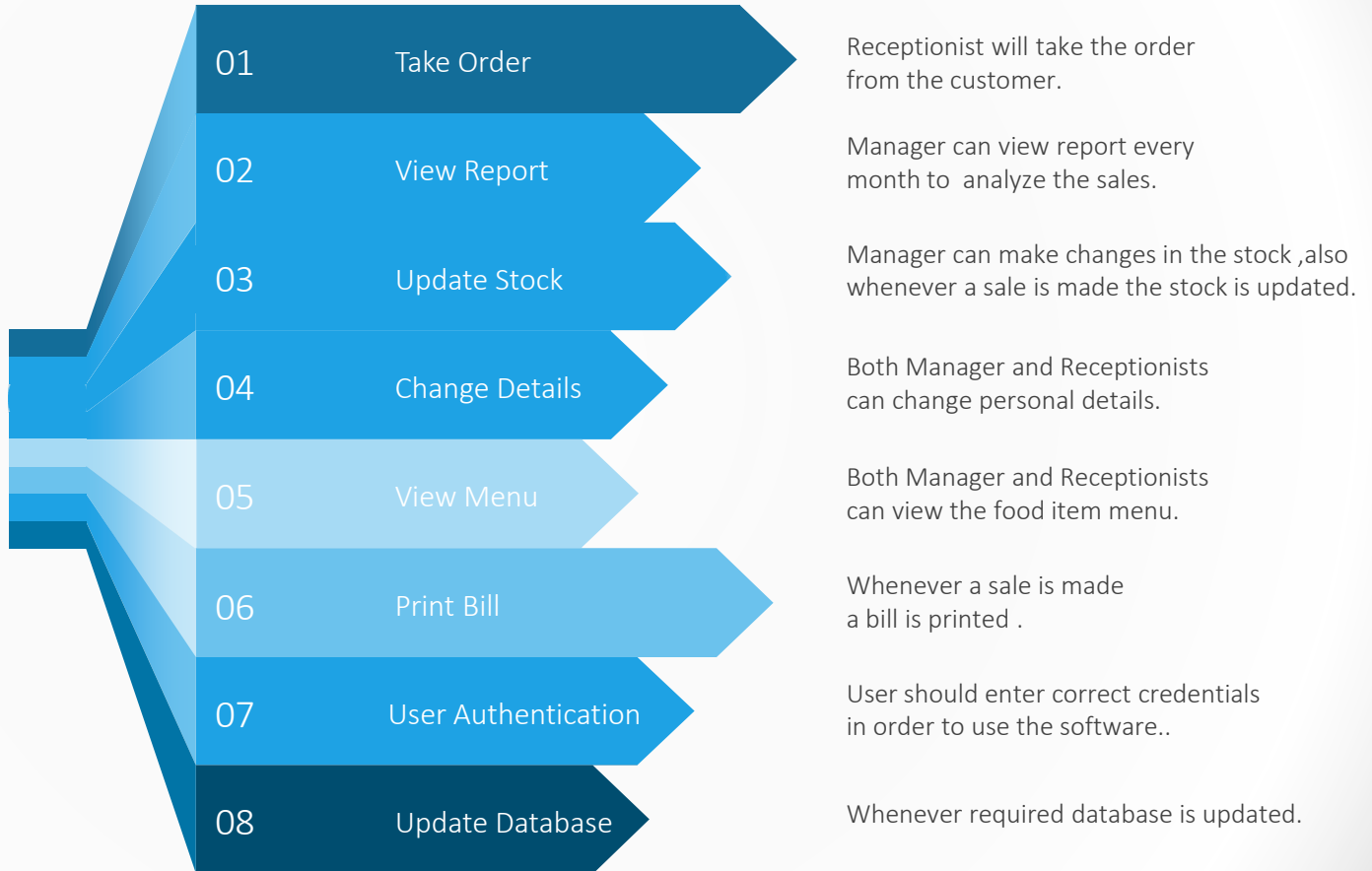


Stock Management

Stocks can be easily updated.

04

Use Cases



Structure of the Database

There are 5 files in the database

Sr no.	File names
01	Menu - This file contains the list of food items available in the food court
02	Receptionist - This file contains details about the receptionists.
03	Cost - This file contains the cost related to each food item.
04	Manager - This file contains details about the manager.
05	Report - This file contains the details of the food items sold.

Menu

Sr no.	Name	Type (GST)	Price (in Rs.)	Quantity
01	Pizza	1	120	5
02	Burger	0	45	4

Receptionist

Sr no.	Name	Username	Password	Income
01	Akshay	akshay99	qwerty	520
02	Lovish	lovish99	lovish99	933

Cost

Sr no.	Cost (in Rs.)
01	90
02	145
03	190

Manager

Sr no.	Name	Username	Password
01	Akshay	akshay99	qwerty
02	Lovish	lovish99	lovish99

Report

Sr no.	Name	Item id	Quantity	Price (in Rs.)
01	Pizza	0	5	120
02	Burger	1	4	45

Things that could not be Implemented

We couldn't plot graphs for monthly report.

1

2

We have not stored customer's data.

We have not made multiple type of menus ,there is only one menu.

3

Statistics of unit and system testing



We tested some of the functions by CFG and then did system testing.

We have not used any automated tools.

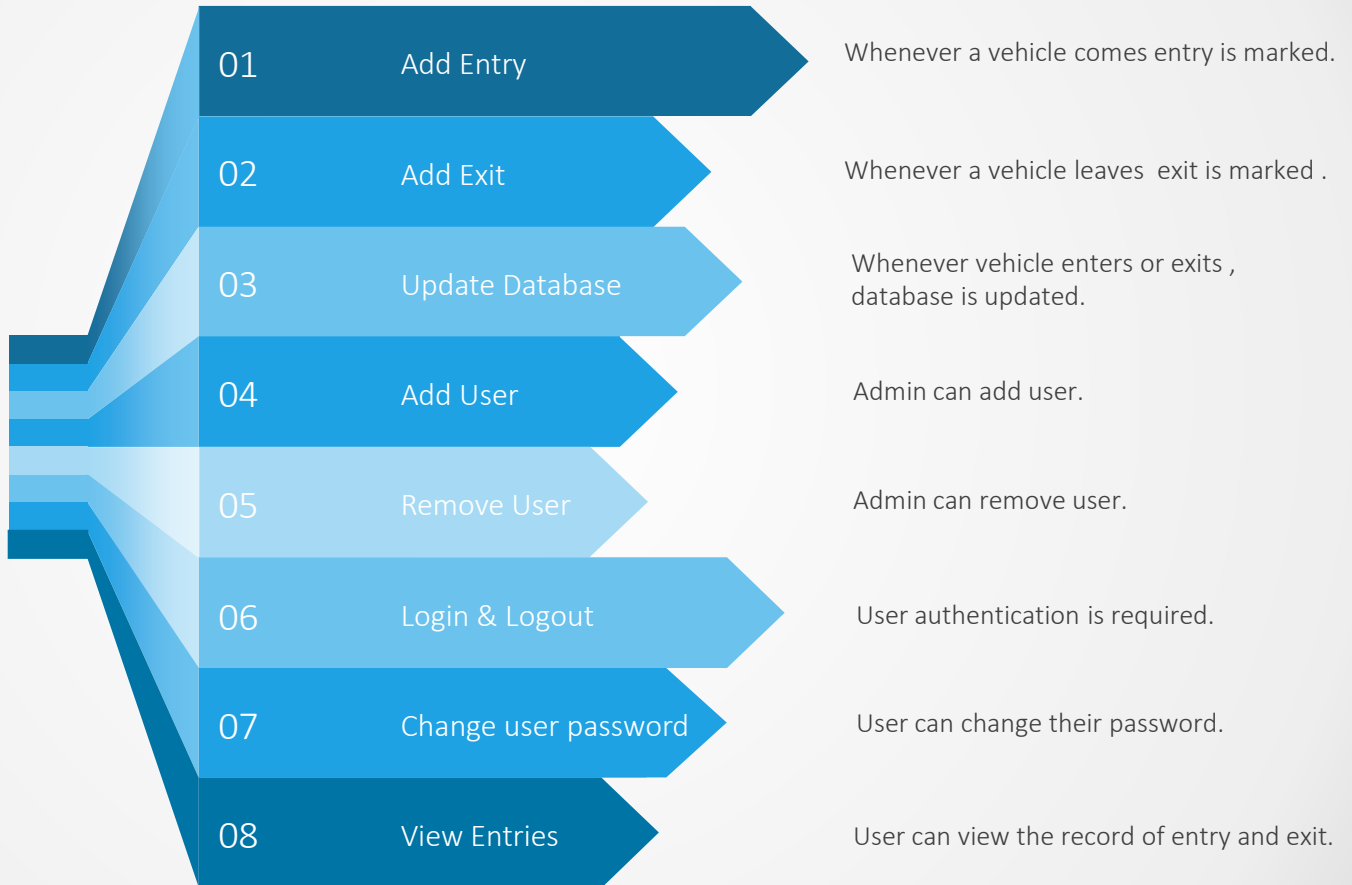
Yes, we have missed the test case where user can enter large integer values ,now we have resolved it.

Unit and System testing helped a lot in finding any flaws in the software.

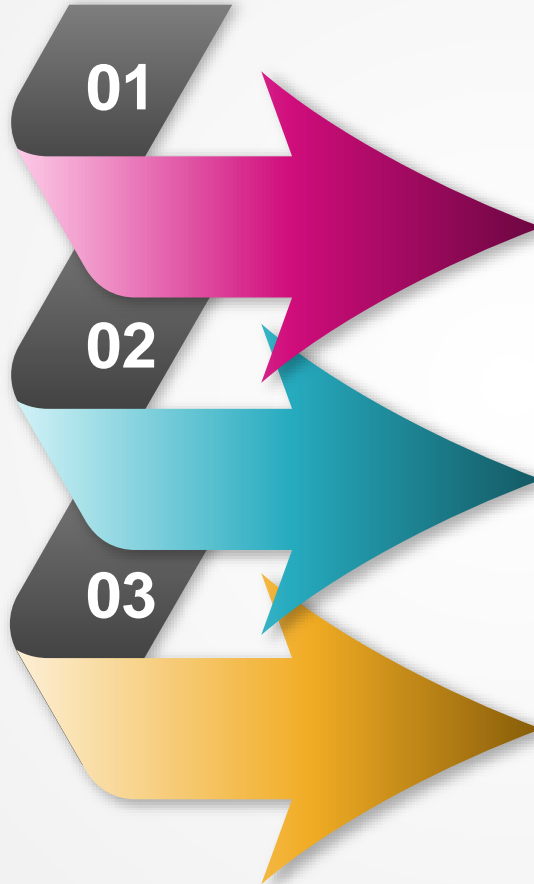
Campus Entry & Exit Management



Use Cases Tested



Statistics of the test cases



Around 28~30 functions were tested during cross testing.

There was fault in one function. While some functions had common error of input handling.

They have to just improve their UI otherwise they have done a good job .

Conclusion

SRS helps a lot in maintaining the consistency during development.

Unit and System testing helped to find errors which were difficult to find.

Cross testing helped to find test cases which development team missed.

We learned to make Use case ,Activity, Sequence and Class diagrams.

We Learned file handling.





Thank You