**CAFE MANAGEMENT SYSTEM**

**Who are we?**

We are a team of software developers that

boost small businesses performance by helping them become

efficient and more transparent.

**Main Problems that we encountered through our research?**

We have been have been checking the work flow of cafes

through out Adiss Ababa and we have come to notice some issues

which are described below.

Most cafes suffer from inability to keep up to track service records

for every single service which is provided this might seem simple but if

the data had had been collected it will have been a great use to determine

and evaluate the cafes performace over a long period of time which will be hard

to store on paper.

**How we propose to solve the problem ?**

we as a team will design and build a cafe management system(**cms**) which will

be used as a management tool that helps both the employee and the owner

by increasing performance and promoting transparency and accountability and

on the employee side our **cms** helps creates a healthy competing environment

by storing the data of working hours and rating of the employees by the

customers

**Benefits of using our software (Additional functionalities )?**

As it is mentioned above our **cms** will benefit every one if it is added in

the workflow.

In addition to the mentioned functionality we provide the following

**Stock reminder**(optional):

This feature will notify the owner to restock the cafe when stock is empty

or if its about to be.

Provides the current status of the stock.

**Employee list(**free**):**

This feature will help manage the employees for the owner

that will store nessasary data of the employees

owner can remove add or delete employee data

**Small scale break down of the database structure :**

**(conceptual)**

**\*Entities and tables**

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**employee**

{

employeeid

firstName

lastNAme

age

dateOfEmployment

roleId //is mainly required to distinguish user types and their access level

statusId // stores the current state of employees eg on-leave, active,fired or the contract type of an employee salary

}

**order**

{

orderid

employeeid

itemid

quantity

price

status

}

**role** //predifened roles which will be updated if required

{

roleId

position

}

-----------------------------------------------------------

**status** //predefined contrat types which will me modified if neccaccery

{

statusId

contratType

state

**service** //list of all products on sale

{

serviceId

service

servicetype //beverage or food

priceForOneService

serviceDescription

}

**stock**

{

stockId

stockTypeId

dateOFstock

}

**stockType**

{

stockTypeId

stokeName

singlePrice

quantity

}