

1. Summary

In this busy lifestyle, it is really hard to maintain a perfect work-life balance. At the same time, only a few people are ready to hire live-in domestic helpers or employees. Instead, one can go for a periodic cleaner, which is affordable. Our professional cleaning services provide the professional results, a more sanitary living environment and cleaning supplies. Home patient and baby care services are also most needed services nowadays. We choose this project because the commercial cleaning business can be lucrative, flexible, and built quickly, making it a great home business choice. While choosing project, we wanted to build a software which can be helpful to the society so we decided to work in this project. Our cleaning services include Virus disinfection service, Full Home Deep Cleaning, Bathrooms Deep Cleaning, Tank & pipe cleaning, Exterior & interior glass cleaning, Carpet, chair, sofa shampooing and cleaning, After party & event cleaning, Pest control Service. Reliable full time, part time maid, babysitter, home patient care service also available here. Anyone can see the cost for their desired service and book any service using the app. All the staff have to fill out their information so that it can be stored based on their working departments and make it easy to form a team for a project. After booking for any service customer will see convenient information of the team members selected for their projects. Any confidential data of the staffs e.g. nid numbers will not be available to the customer unless any necessity.

2. Target vs. Actual Accomplishments

Target:

Our cleaning services include Virus disinfection service, Full Home Deep Cleaning, Bathrooms Deep Cleaning, Tank & pipe cleaning, Exterior & interior glass cleaning, Carpet, chair, sofa shampooing and cleaning, After party & event cleaning, Pest control Service. Reliable full time, part time maid, babysitter, home patient

care service also available here.

i) Anyone can see the cost for their desired service and book any service using the app.

ii) All the staff have to fill out their information so that it can be stored based on their working departments and make it easy to form a team for a project.

iii) After booking for any service customer will see convenient information of the team members selected for their projects.

iv) Any confidential data of the staffs e.g. nid numbers will not be available to the customer unless any necessity.

v) Our project management team will also be benefited. They can smoothly manage the various types of cleaning services, identify the number and information of cleaners, keep the necessary informations of maids and get notified quickly if there is any problem.

Actual Accomplishments

We fulfill our maximum target which we mentioned before.

We can identify the number and information of cleaners, keep the necessary informations of maids and get notified quickly if there is any problem.

Customers can see the cost of the service and can book any service any time.

We keep track of information about Service order date, deadline and Current status so we can know easily either the service is completed or not.

But we can't go through from one page to another page smoothly in our project. The project can be more productive if we got enough time for completing the project.

The Special Features we include in our project are written below :

i)ServiceAvailability:We keep track of relevant information like Our Services are mostly available on which days of week and when we are most available to provide our Services.

ii) DueServices(Clients' Info) :We can observe those Clients' information whose services are still not completed.So we can take proper steps and make the service done in right time .

iii)CurrentDate&Time: Anyone can see the current date and time in some part of our project while running the project.

We make a project which can store enough and efficient data so that we can reuse the data whenever we want .The stored data are useful for team-members ,clients,Cleaning and Maid Staff and also for the admin .So we think ,our actual accomplishments against targets are more effective .

3. ERD

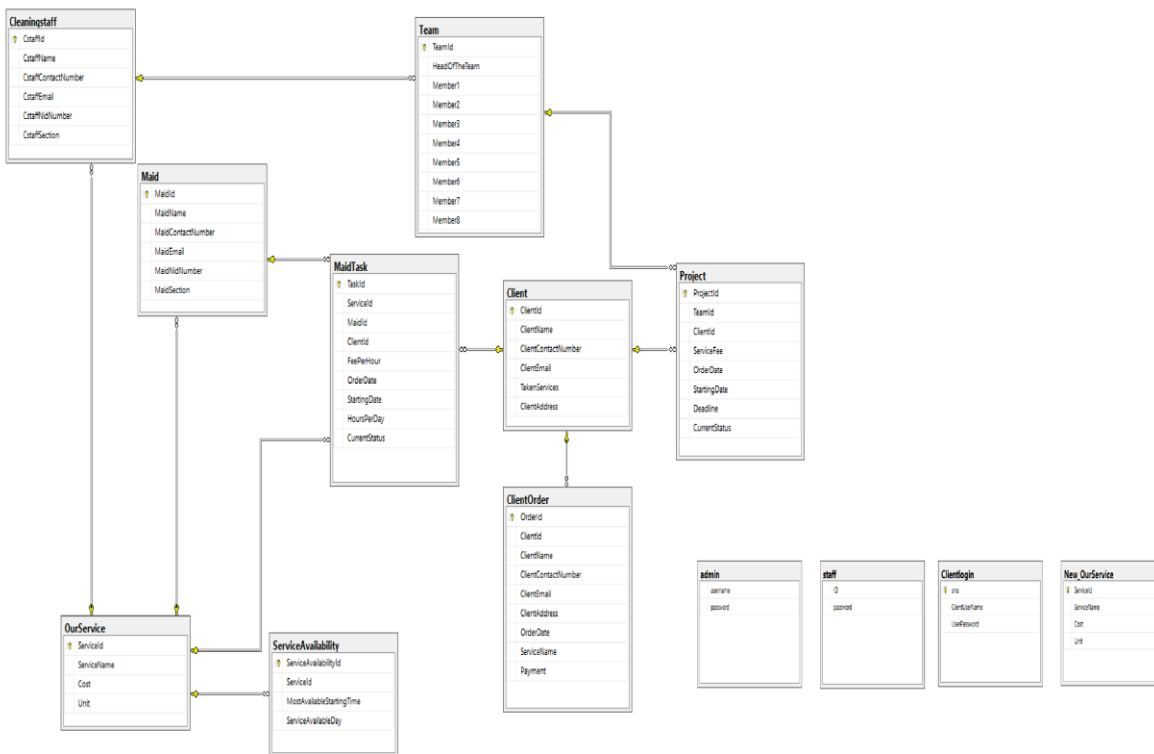


Figure:ERD Daigram

4. Advanced Queries

1)(select Team.TeamId,ProjectId from Team inner Join Project on Team.TeamId=Project.TeamId)except(select TeamId,ProjectId from Project where CurrentStatus!='ongoing'); : Team.java

2)Select Project.*,Team.* FROM Project inner join Team on Project.TeamId=Team.TeamId where(Team.Member1=? or Team.Member2=? or Team.Member3=? or Team.Member4=? or Team.Member5=? or Team.Member6=? or Team.Member7=? or Team.Member8=? ; :StaffWork.java

3)Select CstaffId as Id,CstaffName as Name,CstaffContactNumber as ContactNumber,CstaffEmail as Email,CstaffNidNumber as NIDnumber,CstaffSection as Section FROM CleaningStaff union Select MaidId as Id,MaidName as Name,MaidContactNumber as ContactNumber,MaidEmail as Email,MaidNidNumber as NIDnumber,MaidSection as Section From Maid; :StaffOwn.java

4)select * from Maid where not exists(select * from MaidTask where CurrentStatus='ongoing' and Maid.MaidId=MaidTask.MaidId); : Maid.java

5)select * from Cleaningstaff where not exists(select Team.*,Project.ProjectId,Project.CurrentStatus from team left join project on team.TeamId=Project.TeamId where Project.CurrentStatus='ongoing' and (CstaffId=Member1 or CstaffId=Member2 or CstaffId=Member3 or CstaffId=Member4 or CstaffId=Member5 or CstaffId=Member6 or CstaffId=Member7 or CstaffId=Member8 or CstaffId=HeadOfTheTeam)); : CleaningStaff.java

6)select * from Cleaningstaff union select * from Maid; :AllStaffList.java

7)(select ClientId,ClientName,ClientContactNumber, ClientEmail,TakenServices,CLientAddress from Client)Union (select ClientId,ClientName,ClientContactNumber, ClientEmail,TakenServices,CLientAddress from newClient) :AllClient.java

8)select* from(select C.ClientId,C.ClientName ,P.TeamId,T.HeadOfTheTeam \n" + "from Client C inner join Project P on(C.ClientId = P.Clientid) \n" + "inner join Team T on (P.TeamId = T.TeamId))as cp : ClientTeam.java

9)select * from Client where ClientId in (select ClientId from Project where CurrentStatus!='completed') :Project->DueServicesClientInfo.java

10)select * from OurService Union select * from New_OurService :Service->NewandOldServices

11)select

P.ProjectId,P.ServiceId,P.ServiceFee,P.Deadline,P.CurrentStatus,O.ServiceName,O.Cost,O.Unit from Project P inner join OurService O on P.ServiceId=O.ServiceId order by ServiceFee

:Project->ProjectandService

12)select

Os.ServiceId,Os.ServiceName,P.ServiceFee,P.CurrentStatus,S.ServiceAvailableDay from OurService Os inner join Project P on Os.ServiceId=P.ServiceId inner join ServiceAvailability S on P.ServiceId=S.ServiceId where Os.ServiceId not in (10,12)

:Service->CleaningServiceInfo

13)select

Os.ServiceId,Os.ServiceName,P.ServiceFee,P.CurrentStatus,S.ServiceAvailableDay from OurService Os inner join Project P on Os.ServiceId=P.ServiceId inner join ServiceAvailability S on P.ServiceId=S.ServiceId where Os.ServiceId in (10,12) :Service->MaidServiceInfo