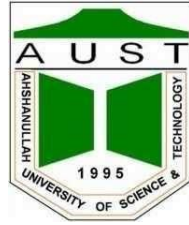


Ahsanullah University of Science & Technology
Department of Computer Science & Engineering
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Project Name

Movie Ticket management System

Database Lab(CSE 3104)

Submitted By:

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Reason of Selection Project:

Entertainment is a very necessary part of our life in order to removing the monotony, as working for a longer period of time clouds our cognitive ability and causes lack of concentration that may eventually harm our productivity. So, watching different shows and movies on a big screen can come pretty handy in this case. Though, recently OTT platforms are taking over, yet watching a fun movie in the theatre with family alongside, popcorn in hand and all those cheering and hooting provides a different level of experience.

But the experience becomes much unpleasant when there is a very long queue while buying the movie ticket. So here we are, trying to build up this project that will deal with this sort of unpleasant situations and provide the best experience assuring all the necessary safety measures.

Project Goal:

The overall goal of our project-

- Our main goal is to reduce the hassles of the visitors while visiting a theatre.
- Our work is also beneficial to the authorities of the theatre. They can smoothly manage the entrance, identify the number to visitors and get notified quickly if there is any problem.
- Our project will also ensure to remove the cost of printing tickets as the visitors will enter into the theatre by digitalized way. Less use of paper is also beneficial for nature.
- It'll reduce the waste of the time for both visitor and authority.
- In this state of the world its better to avoid as much crowd and human contact possible and stay in a safe distance. Our project is ensuring that as no one needs to stand in a line anymore, there ticket will be sent via email.

Time required to complete:

From our calculation we can say that it'll take approximate 3months to complete this project.

Cost:

Our approximate estimation is BDT 20,000 (Twenty Thousand Bangladeshi Taka).

Customer:

The authorities or owner of any theatre.

Project requirement analysis:

A family went to a theatre. They bought tickets through a digitalized database system which was supervised by the authority. They got some discounts because of previous ticket purchase. They took the meal along with the ticket. They entered in the theatre with sheer excitement. They tried watched a new movie which they liked very much. When they returned back to home one of the family members gave feedback on the page of the theatre providing his email. The authority took necessary steps after acknowledging the feed.

Possible Entity:

- Authority
- Staffs
- Credit Card
- Customer
- Feedback
- Movie ticket
- Food

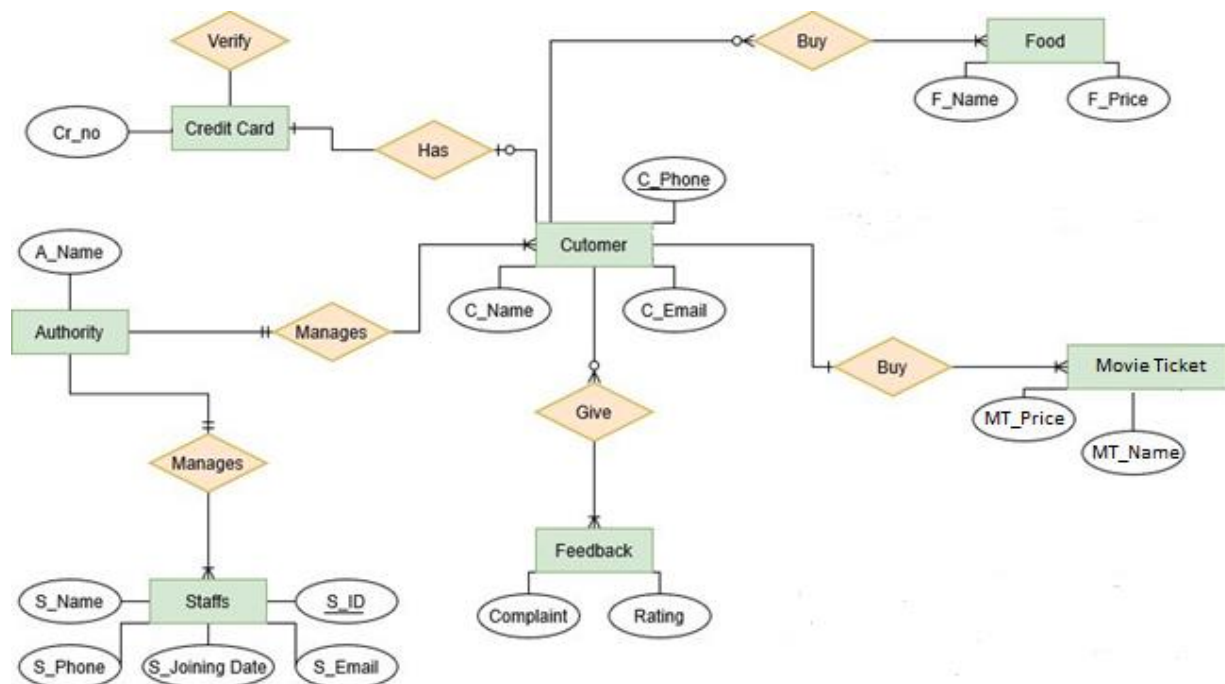
Possible Relationship:

- Manages
- Has
- Verify
- Give
- Buy

Attributes:

- A_Name
- S_Name, S_Joining Date, S_Email, S_ID(Primary), S_Phone
- Cr_No
- C_Name, C_Email, C_Phone(Primary)
- Complaint, Rating
- F_Name, F_Price
- MT_Price
- MT_Name

ERD:



Risk analysis:

To run this project, the theatre authority has to have some computer and skilled employees to run this system. Without power supply this system won't run. To maintain this database system, the administration needs some expansion.

Conclusion:

We want to design an application which is effective for public and administration authority. People can enjoy their break without having unnecessary problems and the authority can have some advantages maintaining the theatre.

We hope that we can make a user-friendly system which will be handy and cost efficient.