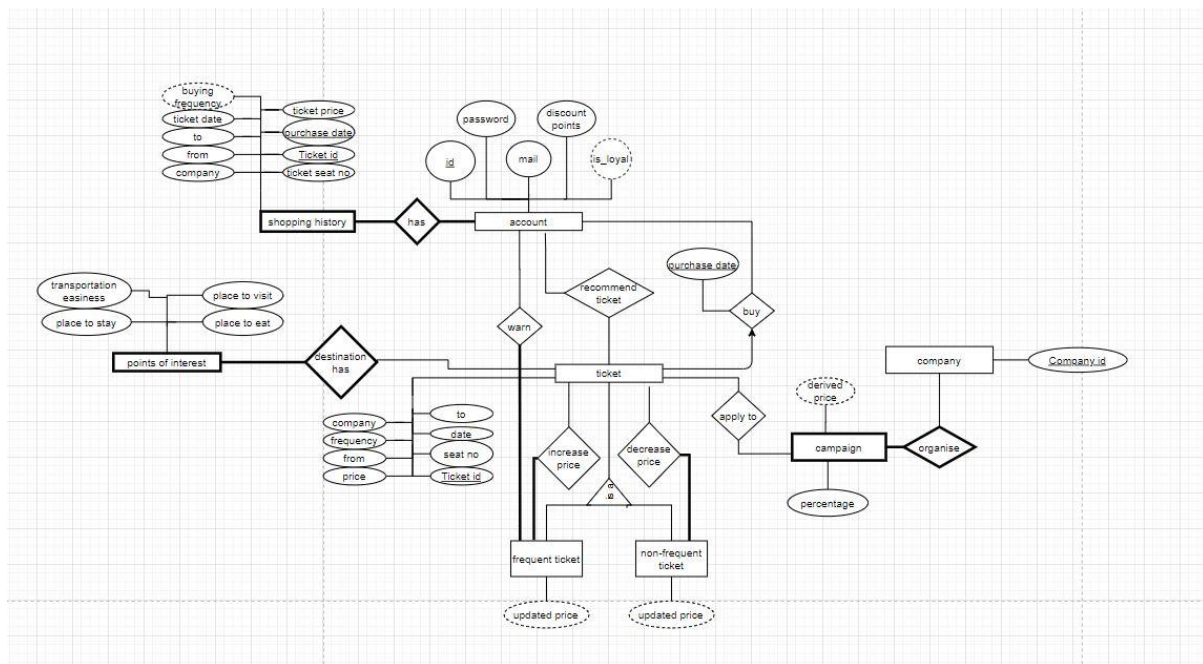


PROJECT GROUP 14



Our aim is to create an airline reservation system.

Firstly, customers can purchase their tickets with or without an account. We store the data of the customers who have an account in our system. Customers with an account can manage their settings. If customers forgot their passwords they will be able to change their passwords with e-mail authentication. If our customers desire to delete their stored data they can delete their accounts. We normally use this data to provide better service to our customers. Our system stores shopping history of each account for detecting customers who shop frequently. Frequent shoppers are included in our loyalty program with this program loyal customers will benefit from predetermined privileges.

Users can search and sort tickets according to their requests such as departure and arrival locations, price, date and popularity. Users can sort results in ascending/descending manner. During the searching phase if a user has an account the system will provide recommendations to the users according to their shopping history. If user intends to buy a popular ticket the system will warn the user and ticket prices can change automatically with a constant formula.

Companies can deploy their own campaigns but only for their own tickets. In these campaigns companies can apply discount to their tickets according to a predetermined percentage.

When users decide to purchase a ticket they must choose their seat number. After every purchase, the system will update the seat number as occupied. After the sale users with an account will earn discount points according to the ticket price. After the successful transaction, we will provide an end to end experience for the destination points of interests with contracted airline companies, car rental services, restaurants and tour companies of the arriving location.

In our project, we will have a control panel that can be managed by the admins. Admins can add and delete flight tickets and edit the ticket prices. The total costs of the canceled flights will be refunded to the users from this control panel.

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