***Database Implementation:***

Checkin: [ MobileNO ID Day Month Year Hour Min Sec Location Crowdedness ]  
MobileNO – VARCHAR(255)  
ID, Day, Month, Year, Hour, Min, Sec, Location, Crowdedness – INT  
A screenshot of a social media post

Description automatically generated  
  
  
TraceTogether: [ MobileNO NearByMobileNo DayMonth Year Hour Min Sec ]  
MobileNO – VARCHAR(255)  
NearByMobileNo, Day, Month, Year, Hour, Min, Sec – INT   
A screenshot of a social media post

Description automatically generated  
  
  
Crowdedness: [ Crowdedness\_ID Level ]  
Crowdedness – INT  
Level – TEXT  
  
Shoppingmalls: [ Mall\_ID Mall\_Name Sector ]  
Mall\_ID – INT  
Mall\_Name, Sector – TEXT  
  
  
Demo: [ ID Gender Age EssentialSrv Surname ]  
ID, Gender, Age, EssentialSrv – INT   
Surname – INT  
  
  
Legend:  
(Primary Key)(Foreign Key)

Database Diagram & Design:

A picture containing station

Description automatically generated