|  |
| --- |
| vector <Restaurant> restaurants; |
| * + RestaurantReservations ( )   + ProcessTransactionFile (fName)   + CreateNewRestaurant ( rName rAddress rCity rType rCapacity)   + PrintAllRestaurants ( )   + FindTable ( rCity rType rGroup rTime)   + FindTableAtRestaurant ( rName rGroup)   + MakeReservation ( rName cName cPhone rGroup rTime)   + PrintRestaurantReservations ( rName) |

RestaurantReservations

Restaurant

|  |
| --- |
| string restaurantName;  string restaurantAddress;  string restaurantCity;  string restaurantType;  int availableSeats [4];  vector <Reservation> reservations; |
| * Restaurant ( ) * Restaurant ( …) * PrintInfo () * getName() * getCity() * getType() * getSeats (…) * MakeReservation (…) * PrintReservation() |

Reservation

|  |
| --- |
| const long reservationNum;  string contactName;  string contactPhone;  int groupSize;  int reservationTime;  static long nextReservationNum; |
| * Reservation ( ) * Reservation (…) * Print() * getReservationNum() |