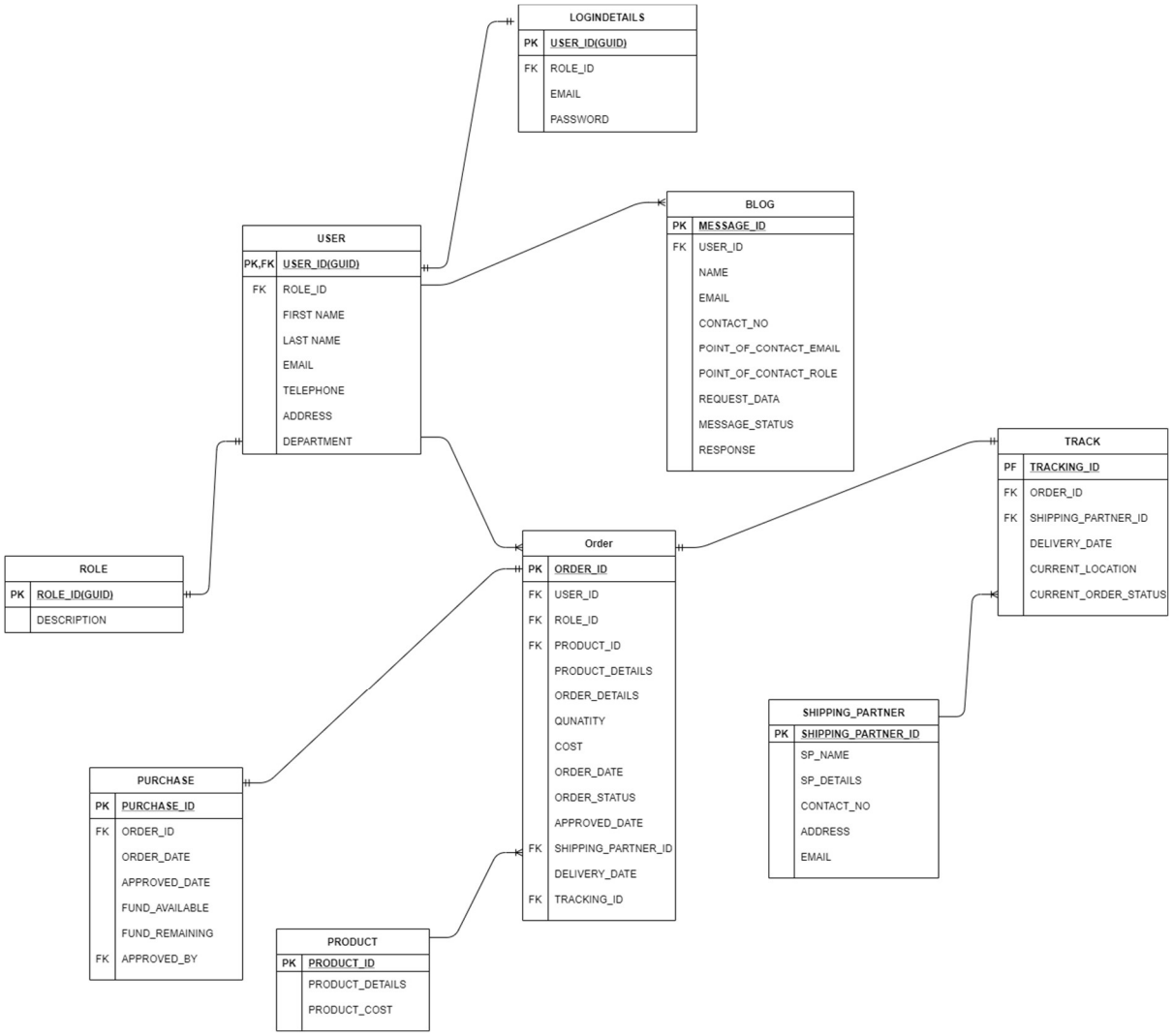
Name: Shaik Imtiyaz Aaresh
Student ID: 1001832769
Section: CSE 5335-003



One to optional many relationship

Many to Strictly one relationship

Optional many to optional many relationship

Strictly one to optional many relationship

Many to Strictly one relationship

Tables:

ROLE: This table consists of 4 records. Student, staff, purchasing manager and IT admin

LOGINDETAILS: entry is created in this table when a new user is created. USER_ID is generated for each user. During login, we validate details of user in this table.

USER: Details of all the users of the website are stored into this table.

PRODUCT: All the products available are present in this table. Student or staff can request an order present in this table.

ORDER: Once the order is requested, entry is created in this table. It consists of all the details of the order placed. Staff can change order status to approved in this table. Also, user can check the history of orders in ORDERS table.

TRACK: Staff and purchase manager can track the order placed through this table.

BLOG: This table consists of queries raised by the users of the website. This can be checked by requested point of contact.

SHIPPING_PARTNER: This table consists of all the details of 3rd party shipping partners. This can be accessed by purchase manager. When a order is approved by purchase manager, shipping partner id is assigned to order.

PURCHASE: This table is used to track the funds available and number of transactions done.