Lab Report Cover Page

Course Number	CPS510
Course Title	Database Systems I
Semester/Year	F2020
Instructor	Dr. A. Abhari
TA Name	Haytham Qushtom

Assignment/Lab Report No.	6
Report Title	Normalization of the Database/ Functional Dependencies

Section No.	8
Group No.	9
Submission Date	November 3, 2020
Due Date	November 3, 2020

Student Name	Student ID	Initial
Tanvir Billah	500829695	T.B.
James Choi	500931983	J.C.
Mahamudul Islam	500963051	M.I.

Functional Dependencies:

Customer:
Customer_id → customer_name, customer_email, customer_phone, customer_address
Customer_email → customer_id, customer_name, customer_phone, customer_address

Courier:
Courier_id → courier_web, courier_name, courier_phone
Courier_name → courier_id, courier_web, courier_phone

Seller:
Seller_id → seller_address, seller_phone, seller_name, seller_email
Seller_name → seller_id, seller_address, seller_phone, seller_email

Product_category:
Category_id → category_name

Brand:
Brand_id → brand_name

Payment:
Payment_id → payment_date, payment_type, amount, customer_id

Cart:
Cart_id → cart_status, total_price, courier_id, payment_id, service_level, tracking_number

Product:
Product_id → product_name, product_count, price, seller_id, brand_id, category_id

Contains_product:
(product_id, cart_id) → amount