



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.	1
Report Title	Application Description

Section No.	8
Group No.	9
Submission Date	September 15, 2020
Due Date	September 15, 2020

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

*By signing above you attest that you have contributed to this written lab report and confirm that all work you have contributed to this lab report is your own work. Any suspicion of copying or plagiarism in this work will result in an investigation of Academic Misconduct and may result in a "0" on the work, an "F" in the course, or possibly more severe penalties, as well as a Disciplinary Notice on your academic record under the Student Code of Academic Conduct, which can be found online at: <http://www.ryerson.ca/senate/current/pol60.pdf>

Application: E-Commerce System

Description: Allow users to buy and sell products from any physical location via the internet.

Functions: Users can register new accounts or modify existing account information. Users can browse available products from a seller and then place orders by making a payment. Order, product, and payment information is managed to ensure smooth transactions and deliveries.

Information expected from it: User information (username, password, email, contactID), order information (billing, shipping locations etc) product information (quantity, location, etc)

5-10 entities: User, Customer, Order, Product, Seller, Payment, Supplier, Courier, Category