Advanced Topics in Programming-3
Assignment
Submission: April 15, 2019

No of System Module:

1. Sells Module(will be operate from INDIA)
2. Factory Management (Will be operate from Bangladesh)
3. Accounts Module (Will be operate from Bangladesh)

Sells Module:

Accounts Module:

1. POS: Number of item sells daily ledger input form. (sells point name, product description-[product select option], Quantity, rate, customer details, total amount, customer debit & credit information) – submit via button click & information will be stored in **daily sells** table.
2. Report of daily sells (customer name, product name, quantity, rate, total amount, amount paid, amount left).
3. Status of money transferred from **India** to **Bangladesh** (receiver name, amount, date) – data input type manual by send button & information will be stored in **transferredINtoBD** table.
4. Customer account for automatic debit-credit calculation.
5. Customer account will be opened by seller

Inventory module:

1. Shipment list from Bangladesh with add button. Request will be sending from Bangladesh and will be stored in **shipment** table.
2. Add Product to inventory (product Id, product name, quantity) information will be stored in **product** table.
3. Product information report (product name, available quantity) will be displayed from product table.
4. Shipment report (product name, quantity, send date, received date) will be displayed from shipment table.

Factory Management:

1. Adding factory (factory name, address, phone no)
2. Raw materials assign to factory (assign date, materials name, quantity, price, production type)
3. Factory shipment information input by admin user (date wise)
4. List of factory information with working status

Accounts Module:

1. Receiving money from Indian sells point
2. All expense from Bangladesh and cash in hand (balance sheet).

Possible Entity:

1. User
2. Customer
3. Product
4. Raw materials
5. Factory
6. Balance sheet
7. Accounts
8. Transaction India to Bangladesh