**Stamford University Bangladesh**

**Department of Computer Science & Engineering**

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**Group name: Bit Legion**

**Online Mobile Shop**

**Software Engineering Sessional**

**CSI 332**

**Data Flow Diagram**

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**Introduction:**

We already work in our information gathering system now in this report we will show our data flow diagram. Data flow diagram show that how we will work in our project.

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|  |

**Data Flow Diagram (DFD):**

**Activity list:**

**Sale Production Procurement Payroll**

User order and Employee see the Employee make order decision Employee worked

payment in sale production schedule from procurement project. in payroll project.

project. in production project. Admin purchase order from Payroll project

Production project procurement project. pay employee.

served product to user

**Main process:** Online Mobile Shop.

**Sub process:**  Sale, Production, Procurement, Payroll.

**Entity:** Admin, User, Employee.

**DFD-Context level**

**Employee**

0.0

**Online Mobile Shop**

**Admin**

Manage products

Manage orders

Manage users

Manage product

**User**

Manage user

Manage order

Manage employee

View product

Purchase product

Search product

Edit profile

**Context level**

**DFD-Level 0:**

**1.0**

**Sale**

**User**

Order

**4.0**

**Payroll**

**3.0**

**Procurement**

Payment

Product ordered Sales forecast

**2.0**

**Production**

Product served

Production schedule

Inventory

Received goods

**Admin**

Purchase order

Order decisions

Payment

**Employee**

Pay

Time worked

**DFD –Level 1:**  Check detail

**1.1**

**Login**

Request to login **UserMst**

**User**

Replay

Response

**1.2**

**Registration**

**UserMst**

Check detail

Replay

**1.3**

**Search item**

Request for view

Replay **ItemMst**

Request for view

**1.4**

**Account**

**UserMst**

Replay

**1.5**

**Buy item**

Request for

view **ItemMst**

Replay

Request for view

**1.6**

**Make order**

Replay **OrderMst**

**1.7**

**Make Payment**

Request for view

Replay **PaymentMat**

Request to login

**3.1**

**Login**

**Admin**

**min AdminMst**

**3.5 Payment report**

**3.4**

**Order report**

**3.3**

**Item report**

**3.2**

**User report**

Check detail

Response Replay

**UserMst**

Request for view

Replay

Request for view

**ItemMst**

Replay

**OrderMst**

Request for view

Replay

**PaymentMst**

Request for view

Replay

Request to login

Check detail

**Employee**

**4.1**

**Login**

**4.2**

**Time worked**

**4.3**

**Order decisions**

**yee EmployeeMst**

Response

Replay

Request for view

**EmployeeMst**

Replay

Request for view

**OrderMst**

Replay

**Process Decomposing:**

**Context level Level 0 Level 1**

1.0 Sale 1.1 Login

1.2 Registration

1.3 Search item

1.4 Account

1.5 Buy order

1.6 Make order

1.7 Make payment

Online Mobile

Shop 2.0 Production

3.1Login

3.2 User report

3.0 Procurement 3.3 Item report

3.4 Order report

3.5 Payment report

4.0 Payroll 4.1 Login

4.2 Time worked

4.3 Order decision

**Conclusion:**

Data Flow Diagram will make our project easier and it also help in our project work.