**Context Data Flow Diagram**

**Commodity Intelligence System**

**Administrator**

**Customer**

**Info Supplier**

Maintain the master data such as commodity details, market details, location details

View the reports of the respective markets, commodities

Enter the price details for various commodities in the markets for which he is responsible

**DFD Diagrams:**

**Context Level (0th Level) DFD**

Authentication

Commodity Intelligence

System

Search Commodity Prices

MIS Reports

**Login DFD**

**Login Master**

**Yes Yes**

**No**

Validate Name and Password

**First Level DFD:**

**Administrator Data Flow**

Login Table Loc Mast

Comm Mast

Verifies Data

Log out

UOM Mast Data Storage

Ist level DFD for Customer

Login Form

If Valid

Comm\_Price

Cust\_ Mast

Verifies Data

Ist level DFD for Info Supplier

Login Form

If Valid

Comm\_Price

Info\_Supplier

Verifies Data

**3.2.1.2 High Level Data Flow Diagram**

**Administrator**

**Set Up**

**Customer**

**Set Up**

**Users**

User name and password

Info\_supplier

**Info Supplier**

**Set up**

Login

Cust\_mast

### DFD for Customer Registration

Cust\_Mast

**Cust\_mast**

Verifying the customer

Verify data

Insert the customer details if not available

Insert

### DFD for Info Supplier Registration

Info\_supplier

**Info\_supplier**

Verifying the supplier

Verify data

Insert the supplier details if not available

Insert

Ist level DFD for Customer

Cust\_Mast

Comm\_price

Verify username and pwd

If valid

View Reports

Login

DFD for Supplier

Info\_supplier

Login

If valid

Verify username and pwd

Select from market master

Update the price against the market id

Comm\_price

### Complete E-R-D

Location

District

State

Mandal

Village

Location

Commodity

Location

Name

Market-Commodity

Unit Name

Unit

Market

Name

Fax

Phone

Address

Market-Commodity

Category

Type

Grade

InfoSupplier

CollectedTime

CollectedDate

Market

QtyOut

CommodityName

Price

QtyIn

InfoSupplier

Unit

Measure

commodity-Price

Commodity

CommodityPrice

Market