**DESIGN OF WEB BASED NEWS PORTAL**

Design phase deals with transforming the requirements, as described in the SRS document, into a form that is implemented using a programming language. The various designs of this system are shown as following:

* **Diagram:-**

1. **Data flow Diagram:-**

Data Flow diagram is a graphical representation of flow of data throughout the information system. Data flow diagrams illustrate how data is processed by a system in terms of inputs and outputs.

**NAME NOTATION DESCRIPTION**

External Entity External entities are objects outside the system, with which the system communicates.

Dataflow Dataflow are pipelines through which packets of information flow.

Process Transforms incoming data flow to output data flow.

Data Store Repositories of data in the system.

Publish News Account Detail

Administrator

Users

Other Users

Account Detail Add Comments

New Account Feed Back

User Detail General Detail

Content Detail

Edit Info.

View Search

Context Level Diagram

Upload Info.

Search Info.

Display Info.

Edit Info.

Manage Info.

User Info. Account Info.

Save Date

Database

Level 1 DFD

1. **Entity Relationship Diagram:-**

Web Based News

News

Registe-red

Admini-strator

Nonregistered

Registered User

Administrator

Unregistered User

Belongs TO

Committee

**ER DIGRAM**

1. **Use Case Diagram :-**

Registered User

Unregistered User

Admin

**USE CASE DIAGRAM**

* **Table Description:-**
* **Admin Side:-**

1. **Admin Login:-**

|  |  |
| --- | --- |
| Field | Data Type |
| User Name | **Varchar** |
| Password | **Varchar** |

1. **Add News:-**

|  |  |
| --- | --- |
| Field | Data Type |
| Id | **Int(10)** |
| Type | **Varchar(20)** |
| Headline | **Varchar(50)** |
| Description | **Varchar(200)** |

* **Client Side:-**

1. **Registration:-**

|  |  |
| --- | --- |
| Field Name | Data Type |
| Username | Varchar(20) |
| Password | Varchar(20) |
| Full name | Varchar(20) |
| Last name | Varchar(50) |
| Gender | Varchar(6) |
| Dob | Date |
| Marital status | Varchar(10) |
| Email | Varchar(50) |
| Address | Varchar(100) |
| City | Varchar(20) |
| State | Varchar(20) |
| Country | Varchar(20) |
| Pin code | Bigint(12) |
| Phone no | Bigint(12) |
| Mobile | Bigint(12) |
| User type | Varchar(20) |

1. **Contact Us:-**

|  |  |
| --- | --- |
| Field Name | Data Type |
| Name | **Varchaer(20)** |
| Phone | **Int(10)** |
| Email | **Varchaer(35)** |
| Subject | **Varchaer(40)** |
| Message | **Varchaer(100)** |

1. **Feedback:-**

|  |  |
| --- | --- |
| Field Name | Data Type |
| Name | Varchar(20) |
| Address | Varchar(100) |
| Phone | Int(20) |
| City | Varchar(20) |
| Pin code | Int(10) |
| State | Varchar(20) |
| Fax | Int(20) |
| E-Mail | Varchar(50) |
| Suggestion | Varchar(200) |