Chapter 3

SYSTEM DESIGN

Front End Design

Login page

Step 1: enter username and password

Step 2: on successful login go to main frame

Step 3:If not successful stay in login page

Main frame

Main frame will have menu bar with Dashboard, Member List, Equipment List, Vendor, Payment, Status, Logout and also contains User registration, Equipment Registration, Payment, Manage Members

User Registration

User Registration has a dropdown menu that has the details like FirstName, LastName, Age, Sex, Phone ,Address ,Service ,Date ,Amount and Plan and click on submit to view member list.

Equipment Registration

Equipment Registration has a dropdown menu that has the details like Name, Vendor, Price, Phone, Address, Company, Description and Date and click on submit to view Equipment List and Vendor List.

Vendor

Vendor displays vendor list that contains name, phone, address, company.

Payment

Payment displays payment list that contains userid, firstname, lastname and click on MakePayment and enter status and click Pay Now.

3.1 Table Description

Table structure for table `admin_tbl` as shown in Table 3.1

CREATE TABLE IF NOT EXISTS `admin_tbl` (

 `adminid` int(11) NOT NULL,

 `username` varchar(20) NOT NULL,

 `password` varchar(20) NOT NULL,

 `time stamp` datetime NOT NULL DEFAULT CURRENT_TIMESTAMP,

PRIMARY KEY(`adminid`)

);

Table 3.1 Admin Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	adminid	int(11)			No	None		AUTO_INCREMENT
2	username	varchar(20)	latin1_swedish_ci		No	None		
3	password	varchar(20)	latin1_swedish_ci		No	None		
4	time stamp	datetime			No	CURRENT_TIMESTAMP		

Table structure for table `vendor` as shown in Table 3.2

CREATE TABLE IF NOT EXISTS `vendor` (

 `name` varchar(200) DEFAULT NULL,

 `phone` int(200) DEFAULT NULL,

 `address` varchar(200) DEFAULT NULL,

 `company` varchar(200) DEFAULT NULL,

 PRIMARY KEY(`name`));

Table 3.2 Vendor table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	name 🔑	varchar(30)	latin1_swedish_ci		No	*None*		
2	phno	varchar(30)	latin1_swedish_ci		No	*None*		
3	address	varchar(50)	latin1_swedish_ci		No	*None*		
4	company	varchar(30)	latin1_swedish_ci		No	*None*		

Table structure for table `tbl_equip` as shown in Table 3.3

CREATE TABLE IF NOT EXISTS `tbl_equip` (

`equipid` int(255) NOT NULL,

`name` varchar(200) NOT NULL,

`vendor` varchar(200) NOT NULL,

`amount` int(200) NOT NULL,

`phone` varchar(200) NOT NULL,

`address` varchar(200) NOT NULL,

`date` date NOT NULL,

PRIMARY KEY(`equipid`),

FOREIGN KEY(vendor) REFERENCES vendor(name),

FOREIGN KEY(adminid) REFERENCES admin_tbl(admin_id)

);

Table 3.3 Equipment table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	equipid 🔑	int(255)			No	*None*		AUTO_INCREMENT
2	admin_id 🔑	int(11)			No	*None*		
3	name	varchar(200)	latin1_swedish_ci		No	*None*		
4	vendor 🔑	varchar(200)	latin1_swedish_ci		No	*None*		
5	amount	int(200)			No	*None*		
6	phone	varchar(200)	latin1_swedish_ci		No	*None*		
7	address	varchar(200)	latin1_swedish_ci		No	*None*		
8	company	varchar(30)	latin1_swedish_ci		No	*None*		
9	date	date			No	*None*		

Table structure for table `tbl_userreg` as shown in Table 3.4

CREATE TABLE IF NOT EXISTS `tbl_userreg` (

`userid` int(11) NOT NULL,

`adminid` int(11) NOT NULL,

`firstname` varchar(200) DEFAULT NULL,

`lastname` varchar(200) DEFAULT NULL,

`age` int(200) DEFAULT NULL,

`sex` varchar(200) DEFAULT NULL,

`phone` int(200) DEFAULT NULL,

`address` varchar(200) DEFAULT NULL,

`service` varchar(200) DEFAULT NULL,

`timestap` datetime NOT NULL DEFAULT CURRENT_TIMESTAMP,

`amount` int(200) DEFAULT NULL,

`plan` int(200) NOT NULL,

`status` varchar(200) DEFAULT NULL,

   PRIMARY KEY(`userid`),

FOREIGN KEY(adminid) REFERENCES admin_tbl(adminid)

);

Table 3.4 User registration table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	userid 🔑	int(11)			No	None		AUTO_INCREMENT
2	admin_id 🔑	int(11)			No	None		
3	firstname	varchar(200)	latin1_swedish_ci		Yes	NULL		
4	lastname	varchar(200)	latin1_swedish_ci		Yes	NULL		
5	age	int(200)			Yes	NULL		
6	sex	varchar(200)	latin1_swedish_ci		Yes	NULL		
7	phone	int(200)			Yes	NULL		
8	address	varchar(200)	latin1_swedish_ci		Yes	NULL		
9	service	varchar(200)	latin1_swedish_ci		Yes	NULL		
10	timestap	datetime			No	CURRENT_TIMESTAMP		
11	amount	int(200)			Yes	NULL		
12	plan	int(200)			No	None		
13	status	varchar(200)	latin1_swedish_ci		Yes	NULL		