

# **BANKING MANAGEMENT SYSTEM**

## **A Project Report**

Submitted by

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for the completion of course

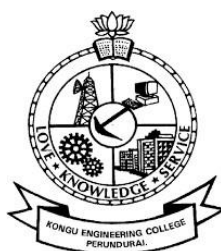
Database Management Systems Laboratory

**BACHELOR OF ENGINEERING**

**IN**

**COMPUTER SCIENCE AND ENGINEERING**

**SCHOOL OF COMMUNICATION AND COMPUTER SCIENCES**



Estd : 1984

**KONGU ENGINEERING COLLEGE**

**(Autonomous)**

**PERUNDURAI, ERODE – 638060**

## ER MODEL

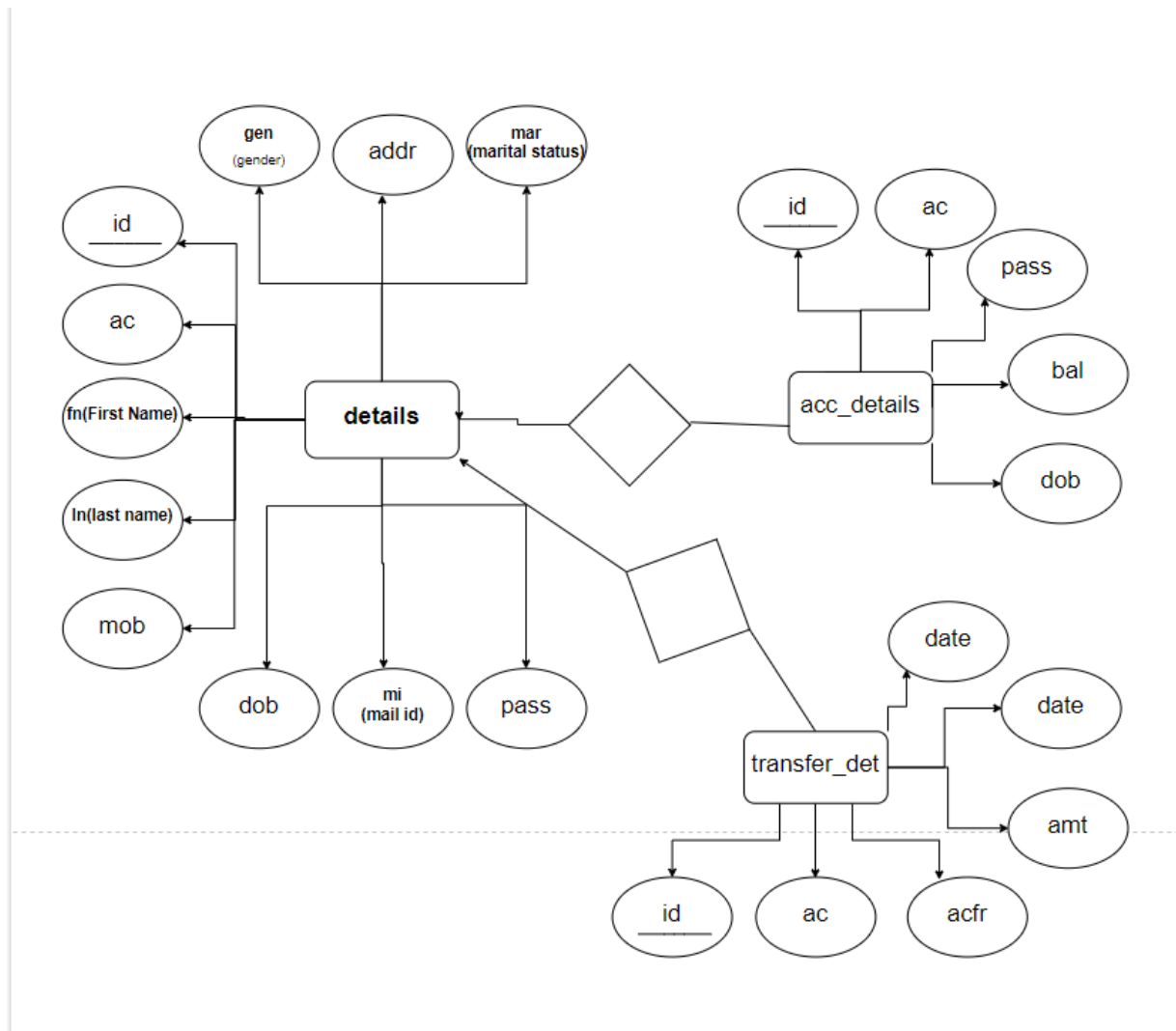


Figure 4.1 ER Model Diagram

### Step 1:

*Conversion of relationship into relations*

Details:

banking details	
id	int(11)
ac	int(11)
fn	varchar(50)
ln	varchar(50)
mob	bigint(20)
dob	date
mi	varchar(50)
pass	varchar(20)
gen	text
mar	text
addr	varchar(200)

acc\_details:

banking acc_details	
id : int(11)	
# ac : int(11)	
# pass : int(11)	
# dob : int(11)	
# bal : int(11)	

Transfer\_det:

banking transfer_det	
id : int(11)	
# ac : int(11)	
# acfr : int(11)	
# amt : int(11)	
date : date	
time : time	

## Step 2:

*Conversion of weak entities*

There is no weak entity

## Step 3:

*Converting 1:1 Relationship into relations*

No such 1:1 relation

## Step 4:

Converting 1:N Relationship into relations

Adding foreign key to tables

## Step 5:

*Converting N:M relationship into relations*

Details:

banking details	
id	int(11)
ac	int(11)
fn	varchar(50)
ln	varchar(50)
mob	bigint(20)
dob	date
mi	varchar(50)
pass	varchar(20)
gen	text
mar	text
addr	varchar(200)

acc\_details:

banking acc_details	
id	int(11)
ac	int(11)
pass	int(11)
dob	int(11)
bal	int(11)

Transfer\_det:

banking transfer_det	
id	int(11)
ac	int(11)
acfr	int(11)
amt	int(11)
date	date
time	time

No such N:M relationship

**Step 6:**

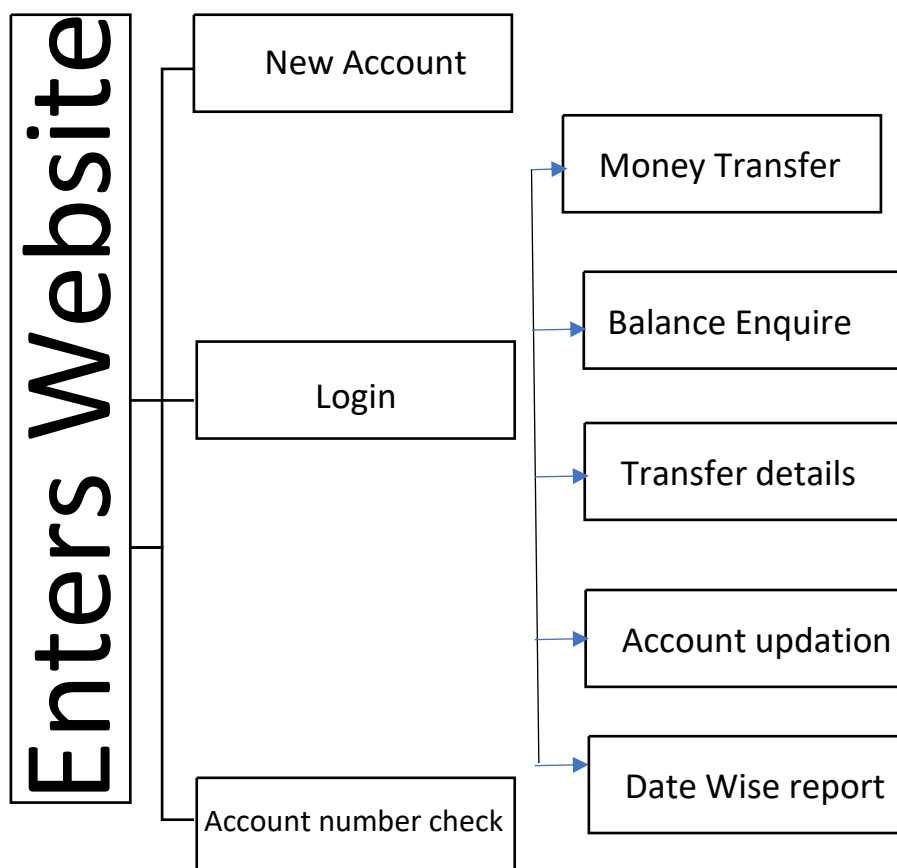
*Conversion of Multivalued attribute*

No multivalued attribute present

**Step 7:**



*Conversion of N array relationship*

No such n array relationship present



**INTERFACE DESIGN**

## DATABASE DESIGN




### deatils:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 	int(11)			No	None		AUTO_INCREMENT
2	ac 	int(11)			No	None		
3	fn	varchar(50)	utf8mb4_general_ci		No	None		
4	ln	varchar(50)	utf8mb4_general_ci		No	None		
5	mob	bigint(20)			No	None		
6	dob	date			No	None		
7	mi	varchar(50)	utf8mb4_general_ci		No	None		
8	pass	varchar(20)	utf8mb4_general_ci		No	None		
9	gen	text	utf8mb4_general_ci		No	None		
10	mar	text	utf8mb4_general_ci		No	None		
11	addr	varchar(200)	utf8mb4_general_ci		No	None		

### Acc\_details:

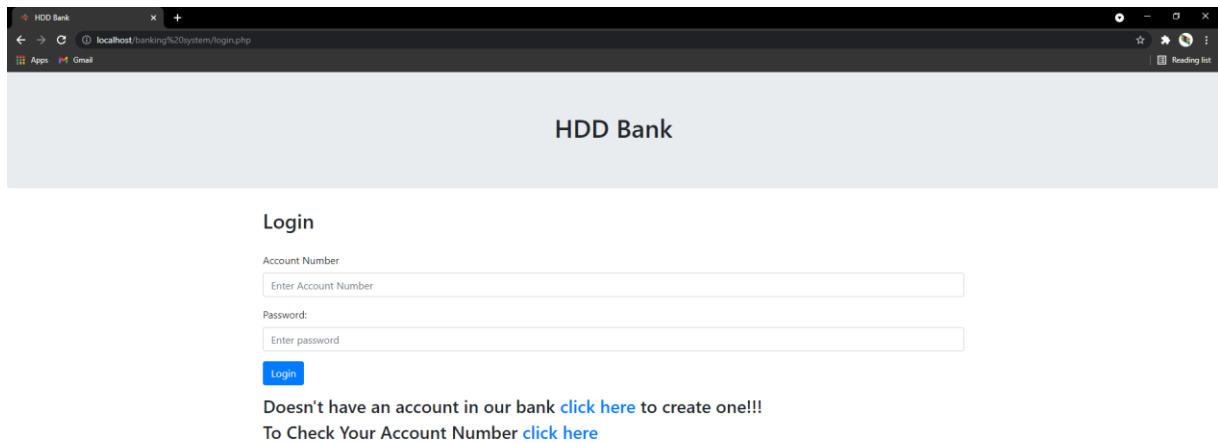
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 	int(11)			No	None		AUTO_INCREMENT
2	ac 	int(11)			No	None		
3	pass	int(11)			No	None		
4	dob	int(11)			No	None		
5	bal	int(11)			No	None		

### Transfer\_det:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 	int(11)			No	None		AUTO_INCREMENT
2	ac 	int(11)			No	None		
3	acfr 	int(11)			No	None		
4	amt	int(11)			No	None		
5	date	date			No	None		
6	time	time			No	None		

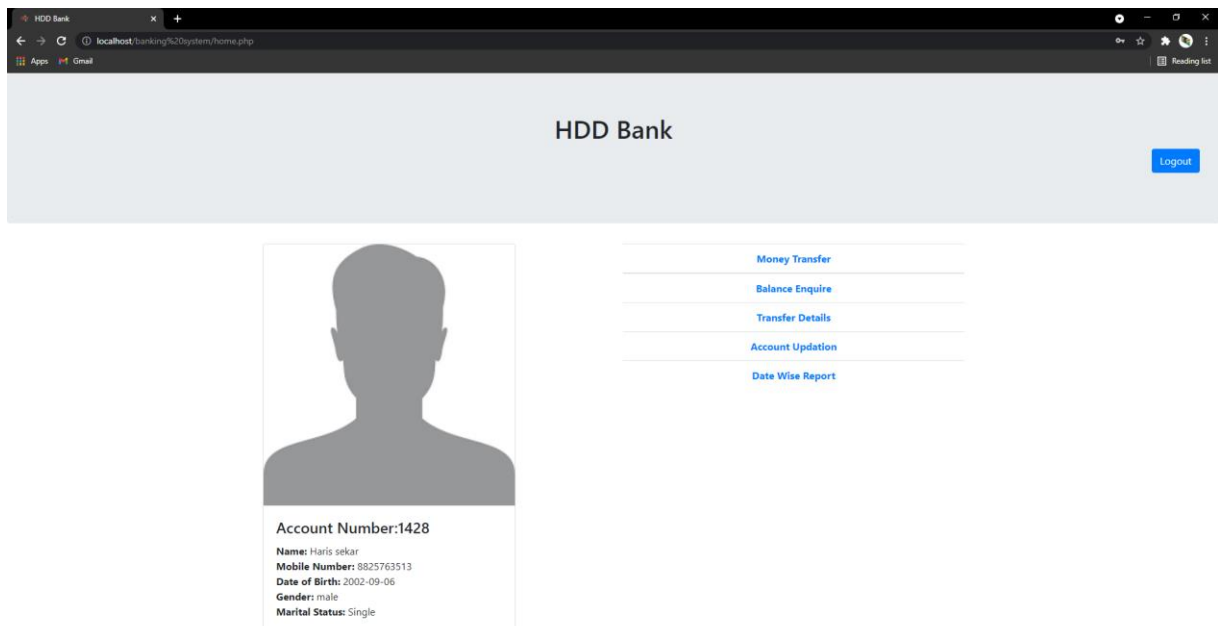
## Website Snap shots:

### Login Page:



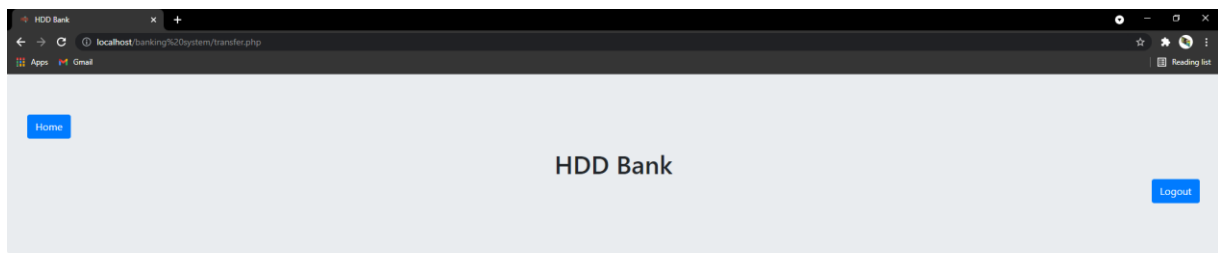
The screenshot shows a web browser window with the address bar displaying 'localhost/banking%20system/login.php'. The page has a light gray header with 'HDD Bank' centered. Below the header, the word 'Login' is centered. There are two input fields: 'Account Number' with a placeholder 'Enter Account Number' and 'Password:' with a placeholder 'Enter password'. A blue 'Login' button is positioned below the password field. Below the button, there are two lines of text: 'Doesn't have an account in our bank [click here](#) to create one!!!' and 'To Check Your Account Number [click here](#)'.

### Home Page after Login:



The screenshot shows a web browser window with the address bar displaying 'localhost/banking%20system/home.php'. The page has a light gray header with 'HDD Bank' centered and a blue 'Logout' button on the right. Below the header, there is a user profile section on the left and a list of services on the right. The user profile section includes a gray silhouette of a person's head and shoulders, followed by the text 'Account Number:1428' and a list of details: 'Name: Haris sekar', 'Mobile Number: 8825763513', 'Date of Birth: 2002-09-06', 'Gender: male', and 'Marital Status: Single'. The services section is a list of links: 'Money Transfer', 'Balance Enquire', 'Transfer Details', 'Account Updation', and 'Date Wise Report'.

## Money Transfer:



A screenshot of a web browser displaying the HDD Bank Money Transfer page. The browser's address bar shows the URL `localhost/banking%20system/transfer.php`. The page has a light gray header with a "Home" button on the left, the text "HDD Bank" in the center, and a "Logout" button on the right. Below the header, the page title "Money Transfer" is displayed. Underneath, it shows "Your Account Number: 1428". There are two input fields: "Enter Their Account Number:" and "Enter the Amount:". A blue "Transfer" button is located below the second input field.

### Money Transfer

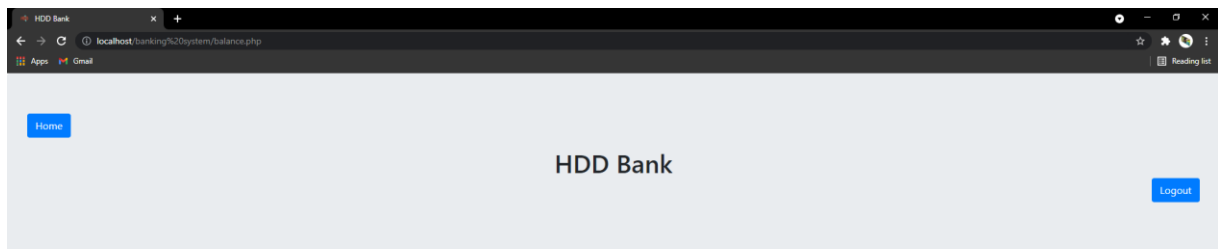
Your Account Number: 1428

Enter Their Account Number:

Enter the Amount:

Transfer

## Balance Enquire:



A screenshot of a web browser displaying the HDD Bank Balance Enquire page. The browser's address bar shows the URL `localhost/banking%20system/balance.php`. The page has a light gray header with a "Home" button on the left, the text "HDD Bank" in the center, and a "Logout" button on the right. Below the header, the page title "Balance Enquire" is displayed. Underneath, it shows "Your Available Balance:16200".


Your Available Balance:16200



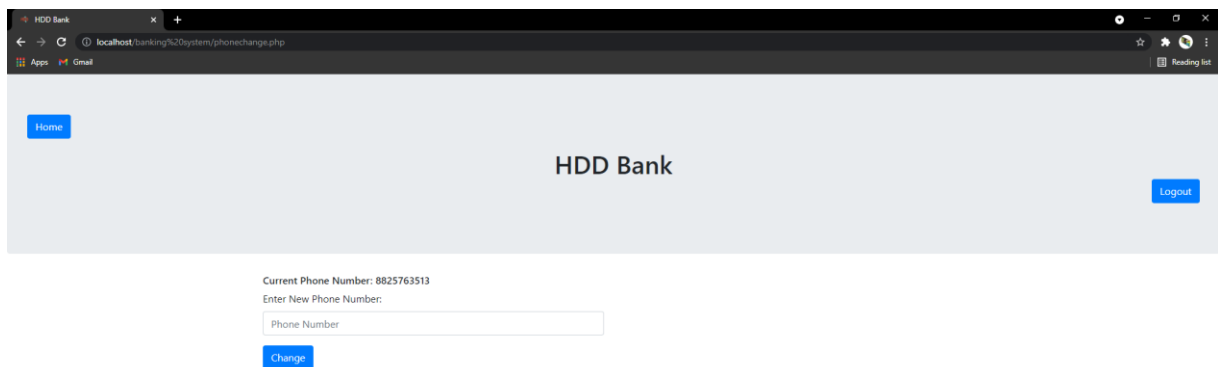
## Transfer Details:

HDD Bank			
<a href="#">Logout</a>			
Debited			
To Account Number	Amount	Date	Time
1527	5000	2021-05-24	10:59:41
Cridited			
From Account Number	Amount	Date	Time
1527	200	2021-05-24	10:47:25
1527	6000	2021-05-26	12:07:35
7257	10000	2021-06-02	17:29:42

## Account Updation :

<div> <a href="#">Home</a> </div> <div>HDD Bank</div> <div><a href="#">Logout</a></div>	
 <div> <b>Account Number:</b>1428  <b>Name:</b> Haris sekar  <b>Mobile Number:</b> 8825763513  <b>Date of Birth:</b> 2002-09-06  <b>Gender:</b> male  <b>Marital Status:</b> Single         </div>	<div><a href="#">Phone Number</a></div> <div><a href="#">Address</a></div> <div><a href="#">Marital Status</a></div> <div><a href="#">Mail ID</a></div> <div><a href="#">Date Of Birth</a></div>

## Phone number Update:



The screenshot shows a web browser window with the address bar displaying 'localhost/banking%20system/phonechange.php'. The page has a light gray header with a 'Home' button on the left, 'HDD Bank' in the center, and a 'Logout' button on the right. Below the header, the page displays the current phone number '8825763513' and a prompt to 'Enter New Phone Number:'. There is a text input field labeled 'Phone Number' and a blue 'Change' button below it.

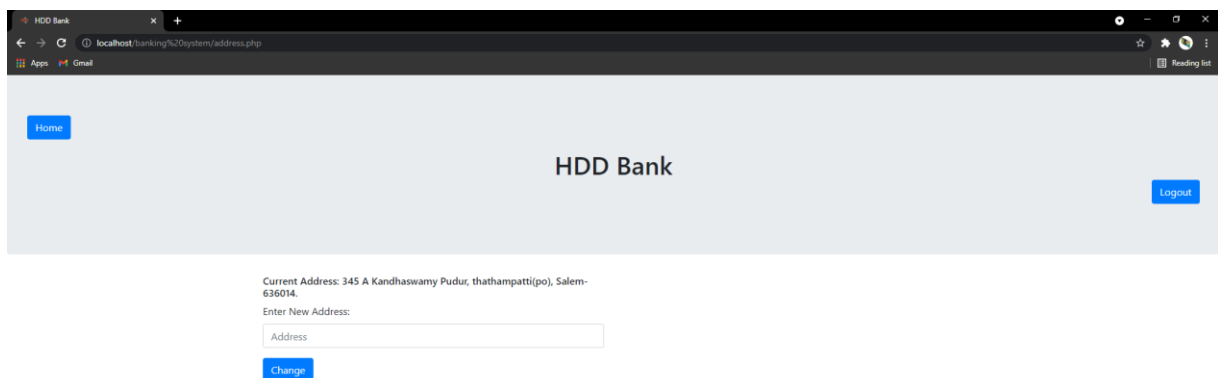
Current Phone Number: 8825763513  
Enter New Phone Number:

Phone Number

Change

---

## Address Update:



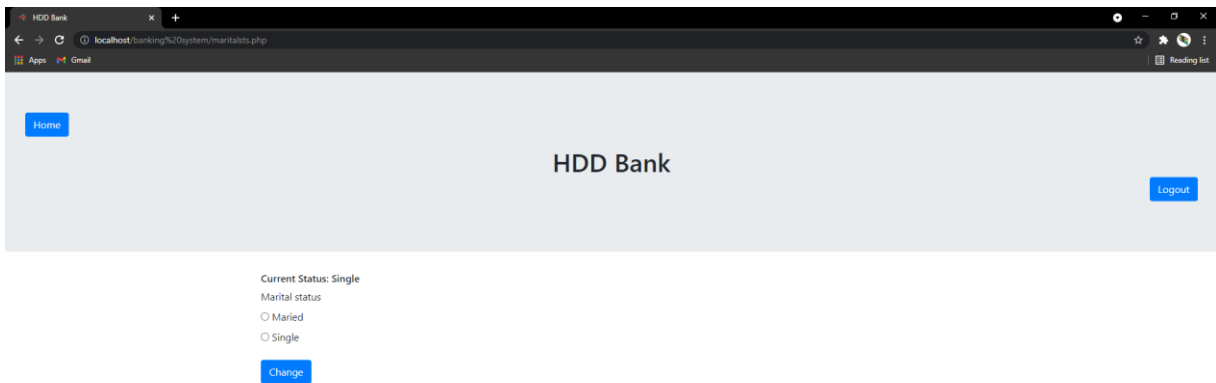
The screenshot shows a web browser window with the address bar displaying 'localhost/banking%20system/address.php'. The page has a light gray header with a 'Home' button on the left, 'HDD Bank' in the center, and a 'Logout' button on the right. Below the header, the page displays the current address '345 A Kandhaswamy Pudur, thathampatti(po), Salem-636014.' and a prompt to 'Enter New Address:'. There is a text input field labeled 'Address' and a blue 'Change' button below it.

Current Address: 345 A Kandhaswamy Pudur, thathampatti(po), Salem-636014.  
Enter New Address:

Address

Change

## Marital Status Update:



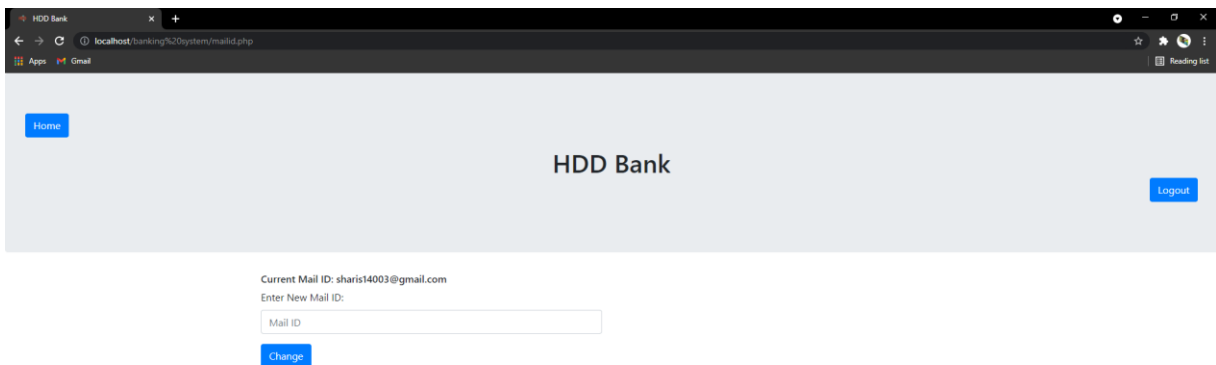
The screenshot shows a web browser window with the address bar displaying 'localhost/banking%20system/maritalstatus.php'. The page has a light gray header with a 'Home' button on the left, 'HDD Bank' in the center, and a 'Logout' button on the right. Below the header, the text 'Current Status: Single' is displayed. Underneath, the label 'Marital status' is followed by two radio button options: 'Married' and 'Single'. At the bottom of this section is a blue 'Change' button.

Home HDD Bank Logout

Current Status: Single  
Marital status  
☐ Married  
☐ Single  
Change

---

## Mail Id Update:

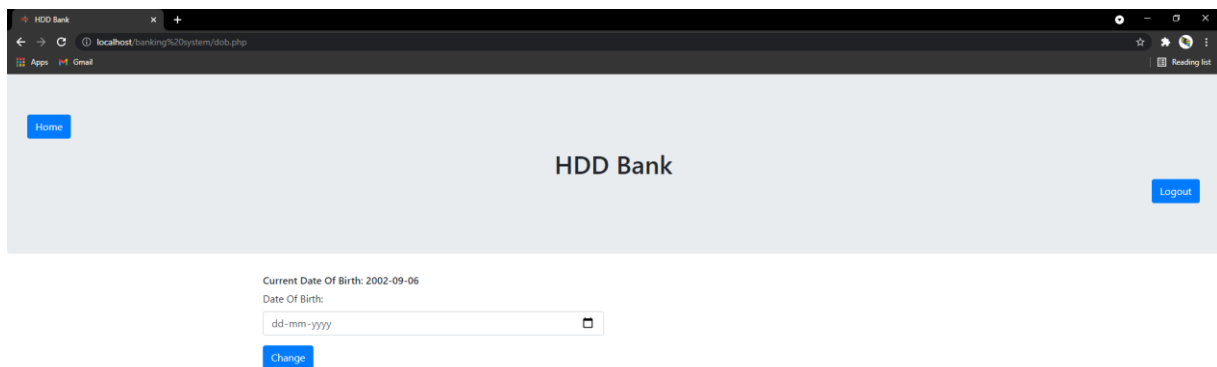


The screenshot shows a web browser window with the address bar displaying 'localhost/banking%20system/mailid.php'. The page has a light gray header with a 'Home' button on the left, 'HDD Bank' in the center, and a 'Logout' button on the right. Below the header, the text 'Current Mail ID: sharis14003@gmail.com' is displayed. Underneath, the label 'Enter New Mail ID:' is followed by a text input field with the placeholder 'Mail ID'. At the bottom of this section is a blue 'Change' button.

Home HDD Bank Logout

Current Mail ID: sharis14003@gmail.com  
Enter New Mail ID:  
Mail ID  
Change

## Date Of Birth Update:



Home

HDD Bank

Logout

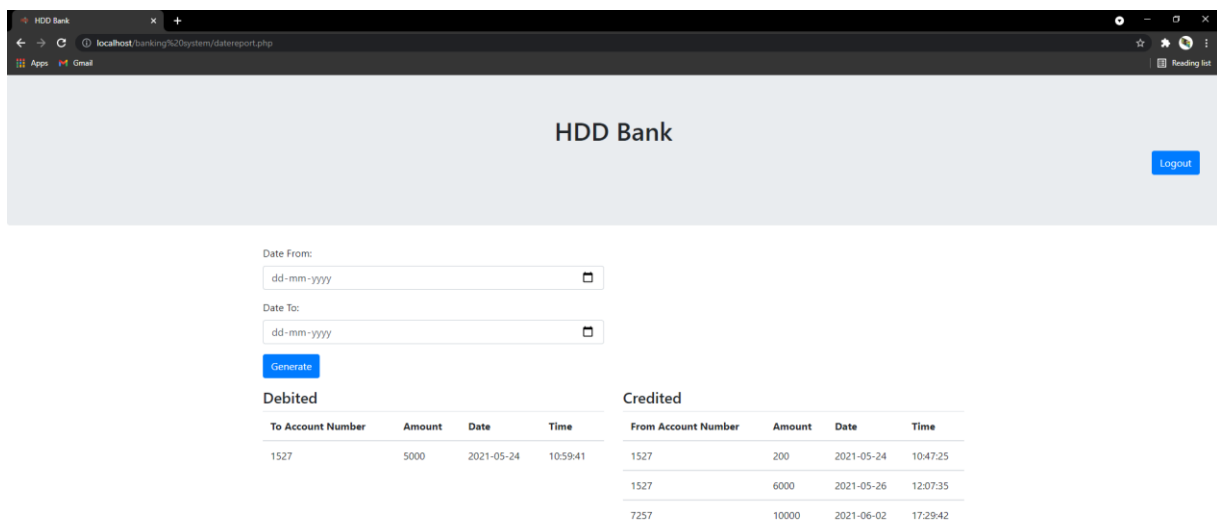
Current Date Of Birth: 2002-09-06

Date Of Birth:

dd-mm-yyyy

Change

## Date Wise Report:



Home

HDD Bank

Logout

Date From:

dd-mm-yyyy

Date To:

dd-mm-yyyy

Generate

**Debited**

To Account Number	Amount	Date	Time
1527	5000	2021-05-24	10:59:41

**Credited**

From Account Number	Amount	Date	Time
1527	200	2021-05-24	10:47:25
1527	6000	2021-05-26	12:07:35
7257	10000	2021-06-02	17:29:42

## References

1. <https://www.w3schools.com/php/default.asp>
2. <https://www.w3schools.com/bootstrap4/default.asp>