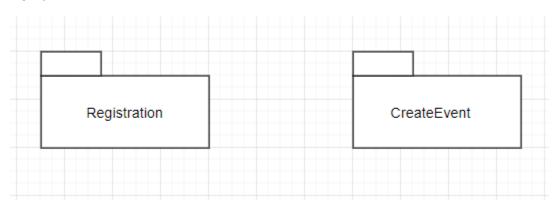
### **HRIDOY CHANDRA DEB**

## 18-36333-1

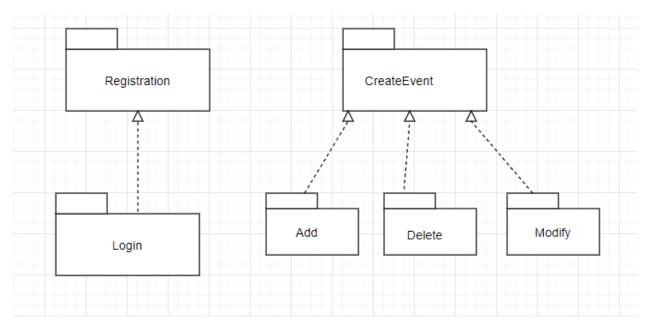
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# DIGITAL DIARY

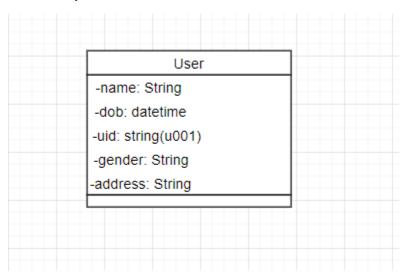
#### Domain:



### Sub Domain:



# Domain Object:



+getName(): String

+getDoB(): datetime

+getUid(): string

+getGender(): String

+getAddress(): String



# From object to database table:

## **User Table:**

name: varchar

dob: datetime

u\_id: varchar(u001)

address: varchar

gender: varchar

# **Record in your employees:**

id	name	dob	U_id	address	gender
1	iftakhar	26.08.1997	001	dhaka	male
2	robin	29.10.1999	002	cumilla	male
3	anika	06.05.1999	003	sylhet	female
4	tanmoy	05.09.1995	004	bashundhara	male

### Attendance:

-attenddate: datetime

-entrytime: datetime

-user: User

# Operations.....

Attendance Table:

id: serial (auto increment - primary key)

attenddate: datetime

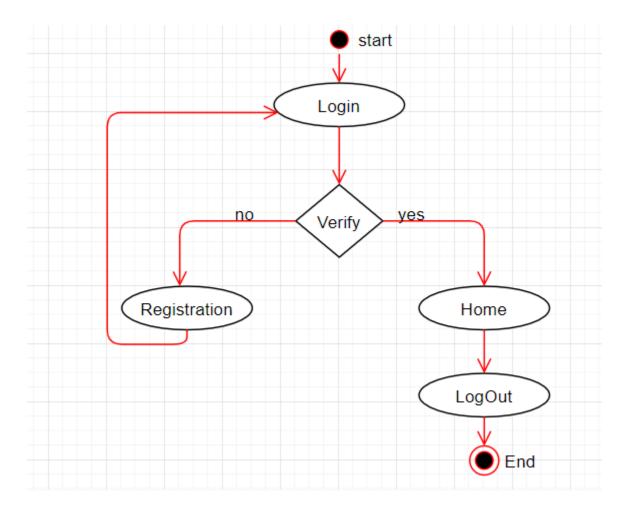
entrytime: datetime

user: int (reference to user - foreign key)

### **Record in attendance table:**

id	attenddate	entrytime	User
1	20.02.2021	10.55 am	2
2	20.02.2021	10.20am	5
3	22.02.2021	09.59am	1
4	23.02.2021	10.01am	2

# **Activity Diagram:**



### **Software Design:**

#### User stories

- User must signup in the system.
- Then login the system.
- User can create, update, delete any Event.
- User can add picture his or her event.
- User can set importance his or her event.

User first name, last name, dob, address, email,

So, User is a class with the above attributes.

```
class User
public string first name
    {
        set { this. first name = value; }
        get { return this. first name; }
    }

public string last name
    {
        set { this. last name = value; }
        get { return this. last name }
    }

public string email
    {
        set { this. email = value; }
        get { return this. email; }
}
```

```
}
```

```
public string dob
{
    set { this. dob = value; }
    get { return this. dob; }
}

public string address
{
    set { this. address = value; }
    get { return this. address; }
}
```

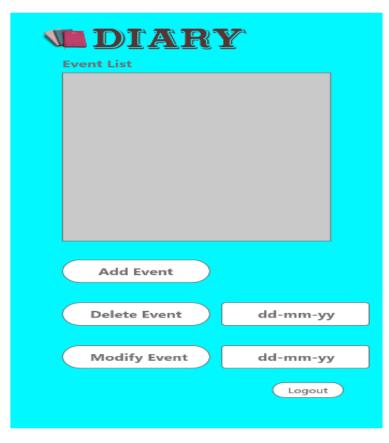
#### create table User:

(id serial/auto\_increment/identity,first\_name varchar(50), last\_name varchar (50), dob datetime, street\_address varchar (50), city varchar (50), zip varchar (50), email varchar (50), phone\_number varchar (50), primary key id);

id	first_name	last_name	dob	street	zip	email	phone	city
1	Rakib	Hasan	1-2- 2020	23	1231	R@.com	013225844	Dhaka
2	Shakib	Hasan	2-2- 2020	24	1234	s@.com	018225844	Dhaka
3	Abid	Hasan	3-2- 2020	25	4321	a@.com	013224844	Dhaka
4	Ifo	Hasan	4-2- 2020	26	3210	i@.com	013725844	Dhaka
5	Robin	Hasan	5-2- 2020	27	1025	R@.com	017225844	Dhaka

DIARY				
	2018			
User Name				
Password				
	Login Signup Forgot Username/Password?			

Sign up		
Name		
Username		
Password		
ConfirmPassword		
Phone No		
Gender	O Male	
DOB	/ / ~	
Blood Group	· ·	
	Submit Back	



DI	ARY
Add Event	
Event Name	
Date	/ / ~
Description	
Importance	/ / ~
	Add Back
	Logout