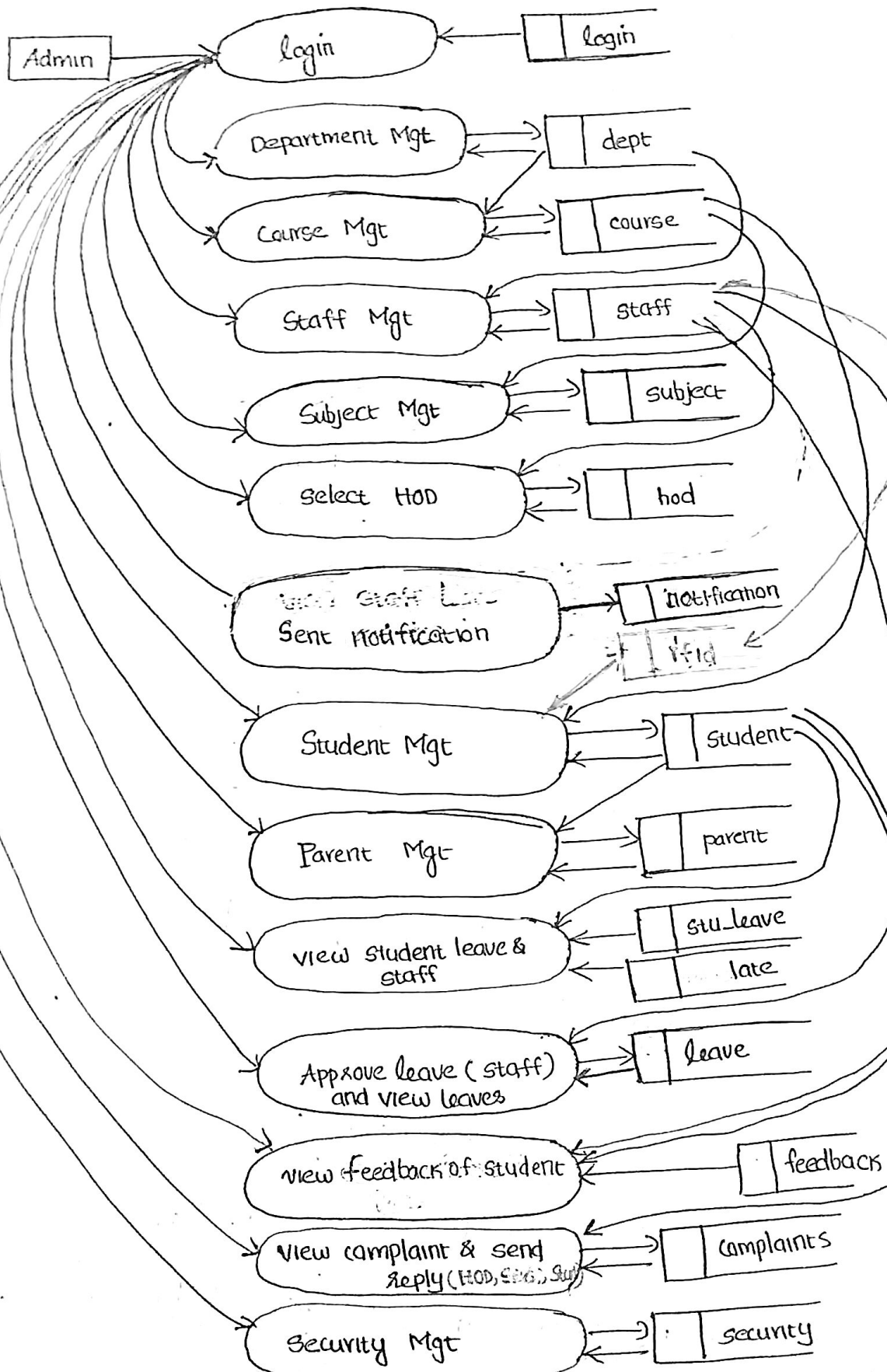


# Face recognition based attendance

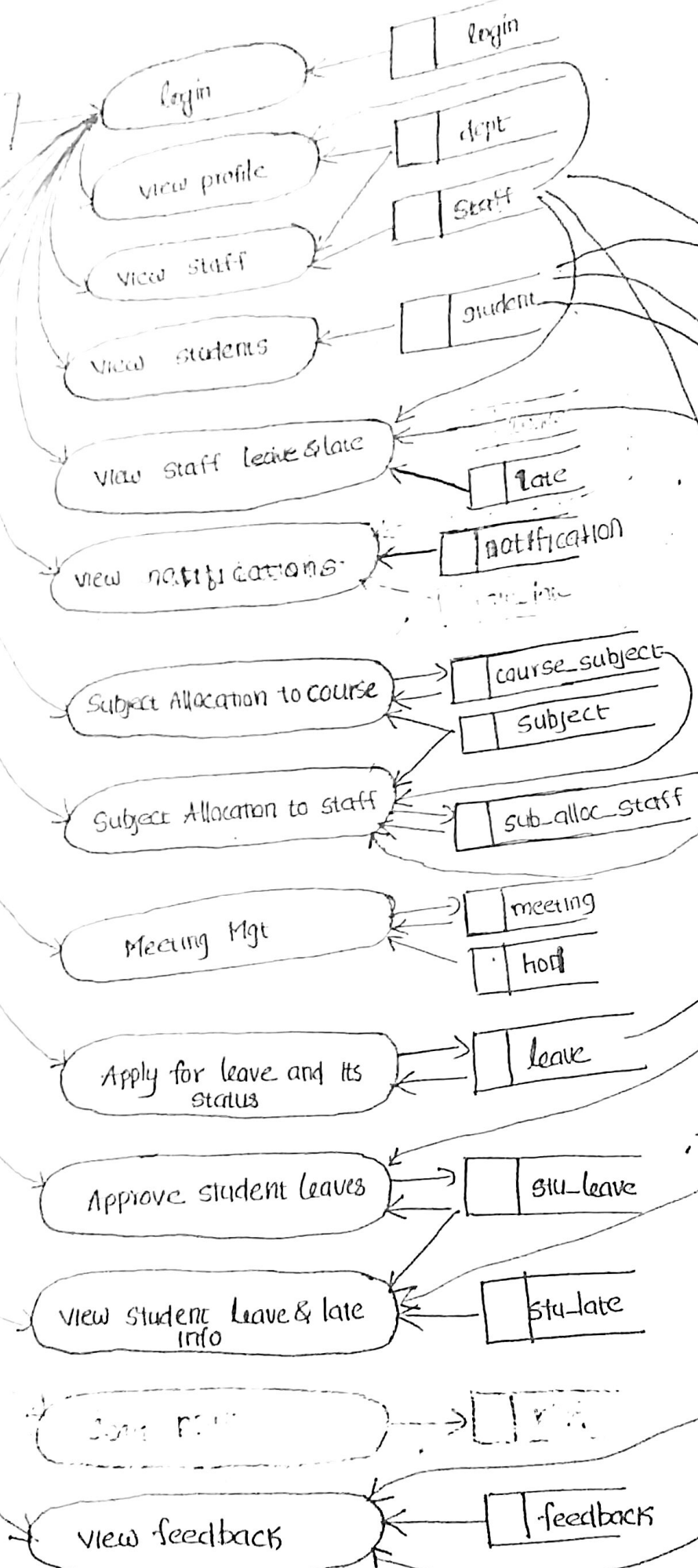
Stems BSc

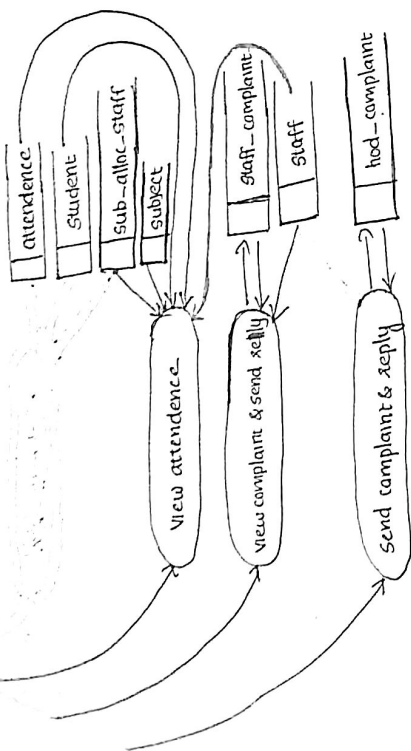
Level 1



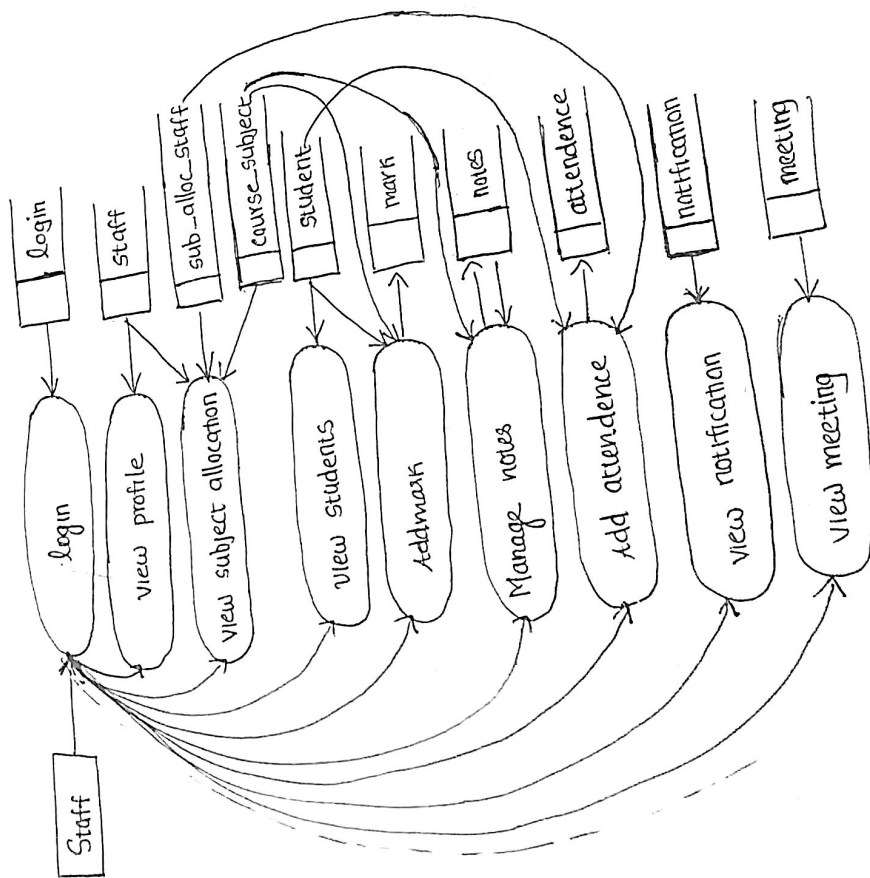
Level 1.1

HOP

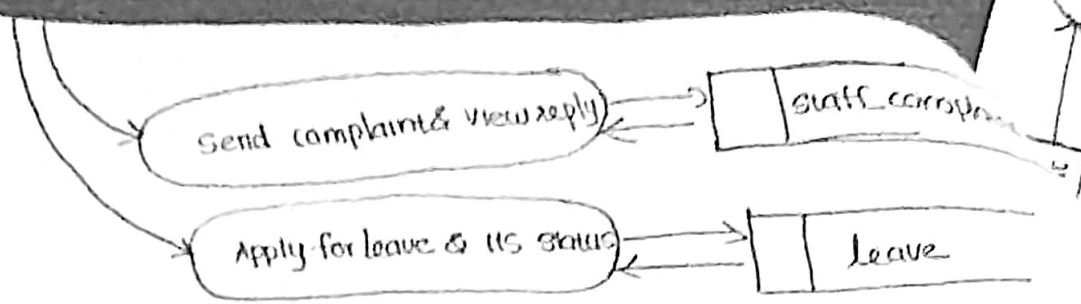




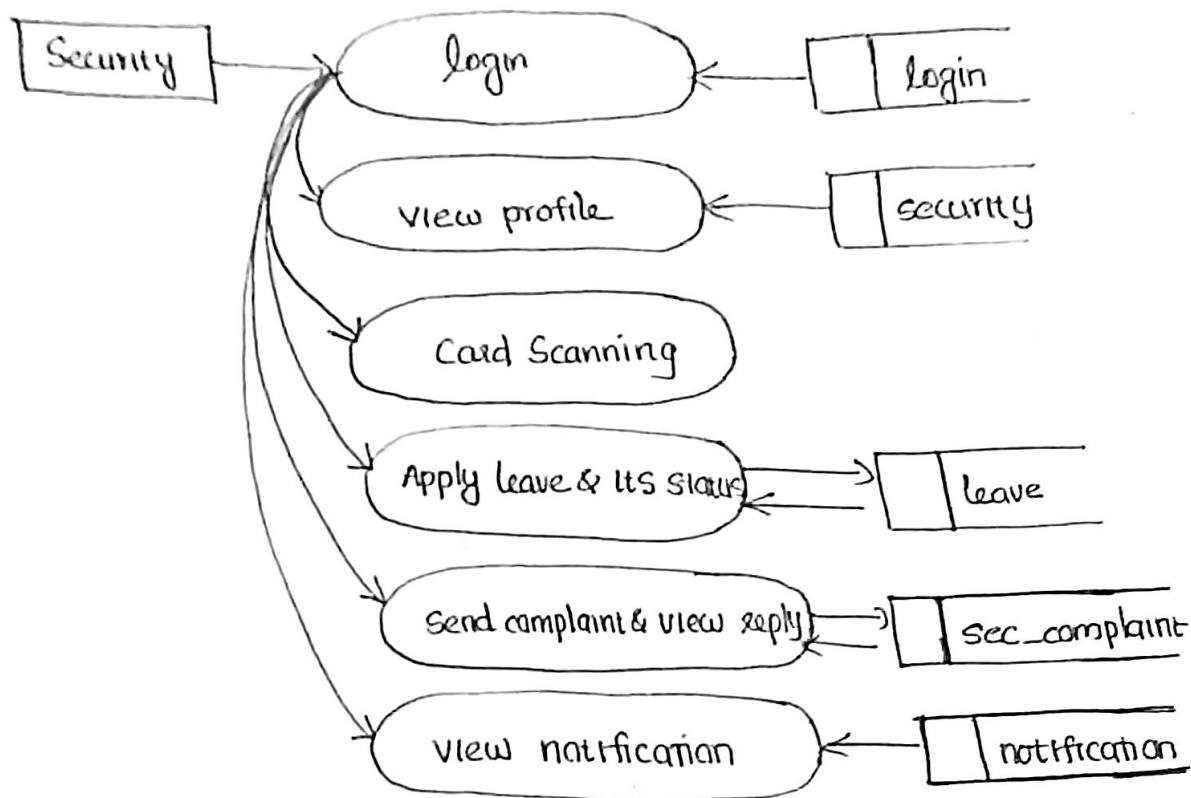
Level 1.3



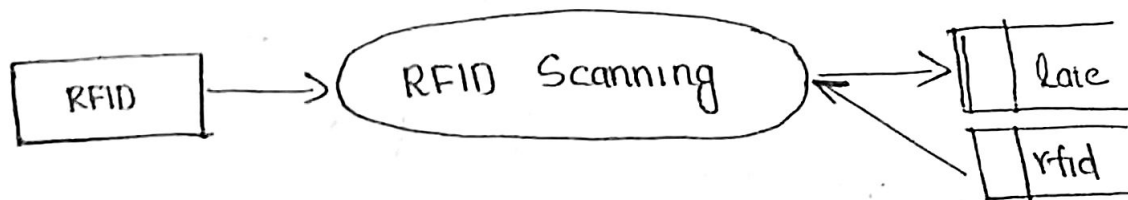
Staff can



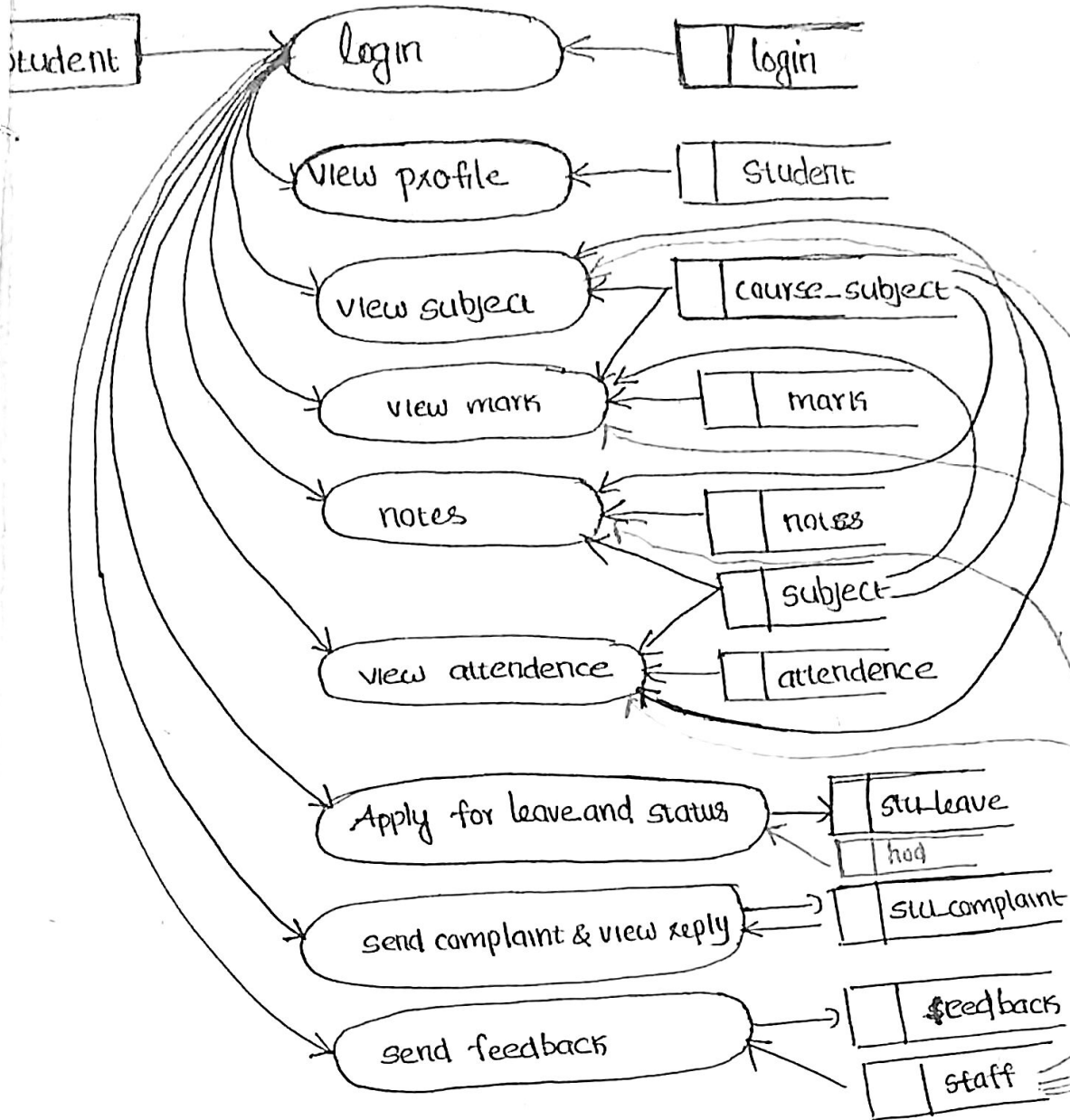
Level 1.4



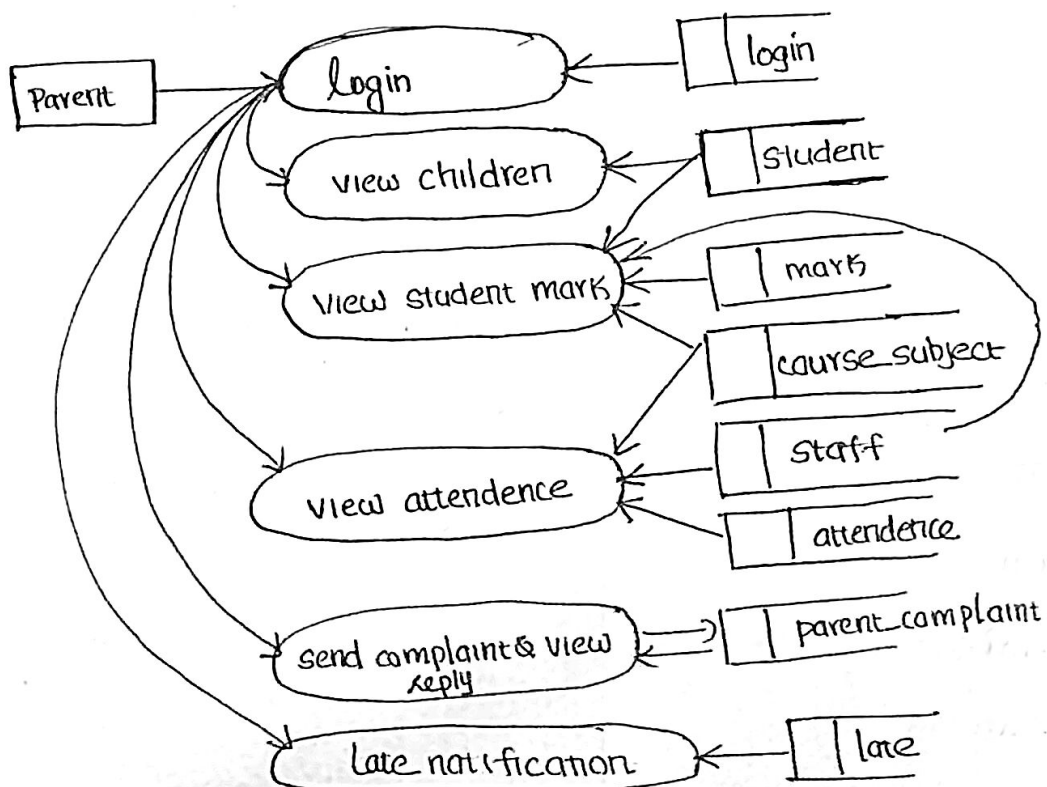
Level 1.5



Level 1.6



### Level 1.7



## Table design

### 1) login

loginid	int	PK
username	varchar(200)	
password	varchar(200)	
usertype	varchar(20)	

### 2) dept

dept_id	int	(PK)
dept_name	varchar(20)	

### 3) course

course_id	int	(PK)
dept_id	int	(FK)
course_name	varchar(200)	

### 4) staff

staff_id	int	(FK)
s_dept_id	int	(FK)
s_name	varchar(200)	
s_age	int	
s_lastname	varchar(200)	
s_place	varchar(200)	
s_post	varchar(200)	
s_pin	varchar(20)	

s\_email

s\_phone

qualification

varchar(200)

varchar(200) dept

varchar(200)

dept\_id

dept\_name

student\_id

student

st

### 5) subject

subject_id	int	PK
subject_name	varchar(200)	
subject_details	varchar(200)	
subject_text	varchar(200)	

### 6) hod

hoid_id	int	(PK)
h_staff_id	int	(FK)

### 7) notification

n_id	int	(PK)
notification	varchar(200)	
date-time	datetime	

### 8) rfid

rfid_id	int	(PK)
student_id	int	(FK)
key	varchar(200)	

### 11) Student

student_id	int (PK)
student_name	varchar(200)
student_dob	date
student_mname	varchar(200)
student_fname	varchar(200)
student_hname	varchar(200)
student_place	varchar(200)
student_post	varchar(200)
student_pin	int
student_district	varchar(200)
student_email	varchar(200)
student_phone_number	varchar(20)
student_photo	varchar(200)
student_semester	varchar(50)
student_status	varchar(50)

### 10) parent

parent_id	int (PK)
parent_name	varchar(200)
parent_email	varchar(200)
parent_photo	varchar(200)
student_idp	int

### 11) stuleave

slid	int (PK)
stuid	int (FK)
ldate	date
no-of-days	varchar(20)
status	varchar(20)

### 12) late

late_id	int (PK)
rfid_id	int (FK)
<del>l_date</del>	date
e_time	time
exit_time	time

### 13) leave

leave\_id int (PK)  
 l\_staffid int (FK)  
 l\_date date  
 l\_no-of-days varchar(20)  
 status varchar(50)

### 14) feedback

fid int (PK)  
 -feedbacks varchar(500)  
 -fdate date  
 userid int (FK)  
 staffid int (FK)

### 15) hod\_complaints (security / student / parent / staff)

c\_id int (PK)  
 complaint varchar(500)  
 c\_date date  
 c\_uid int (FK)  
 reply varchar(500)  
 r\_date date

### 16) Security

security\_id int (FK)  
 security\_name varchar(500)  
 security\_place varchar(500)  
 security\_phone varchar(50)  
 security\_email varchar(500)  
 security\_photo varchar(500)

### 17) course\_subject

csid int (PK)  
 course\_id int (FK)  
 subject\_id int (FK)

### 18) meeting

moid int (PK)  
 hodid int (FK)  
 meeting\_content varchar(500)  
 date date



meeting time

attendance

int (PK)

sub\_alloc\_staff\_id int (FK)

sub\_id int (FK)

dates date

time varchar(50)

status varchar(50)

20) course\_subject

csid int (PK)

cour\_id int (FK)

sub\_id int (FK)

21) sub\_alloc\_staff

sasid int (PK)

course\_sub\_id int (FK)

staff\_id int (FK)

22) mark

mid int (PK)

sub\_alloc\_staff\_id int (FK)

mark int

23) notes

nid int (PK)

sub\_alloc\_staff\_id int (FK)

notes varchar(500)

ndate date