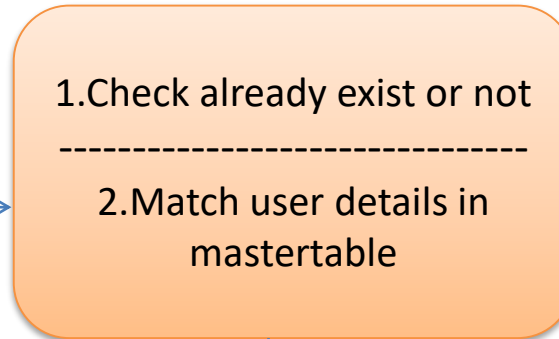


| Signup form      |
|------------------|
| User_id          |
| Email            |
| Password         |
| Confirm password |
| Department id    |
| User_type        |

Sign up



yes

Show error  
msg(already  
registered )

no

Show error  
msg(not valid  
user)

otherwise

Insert data in the users  
table of main database  
And send email for  
verification with link  
containing activation key  
and user\_id

Activation - it  
will be a hash  
code for email  
verification  
once verified  
it will be set  
to activated

Not able to  
login until  
user is  
activated

Activation link for signup  
( it will be open in new simple blank  
html file containing one div )

Verify that activation key with  
email matches in the database  
or not (authenticating that  
valid user has registered with  
his userid)

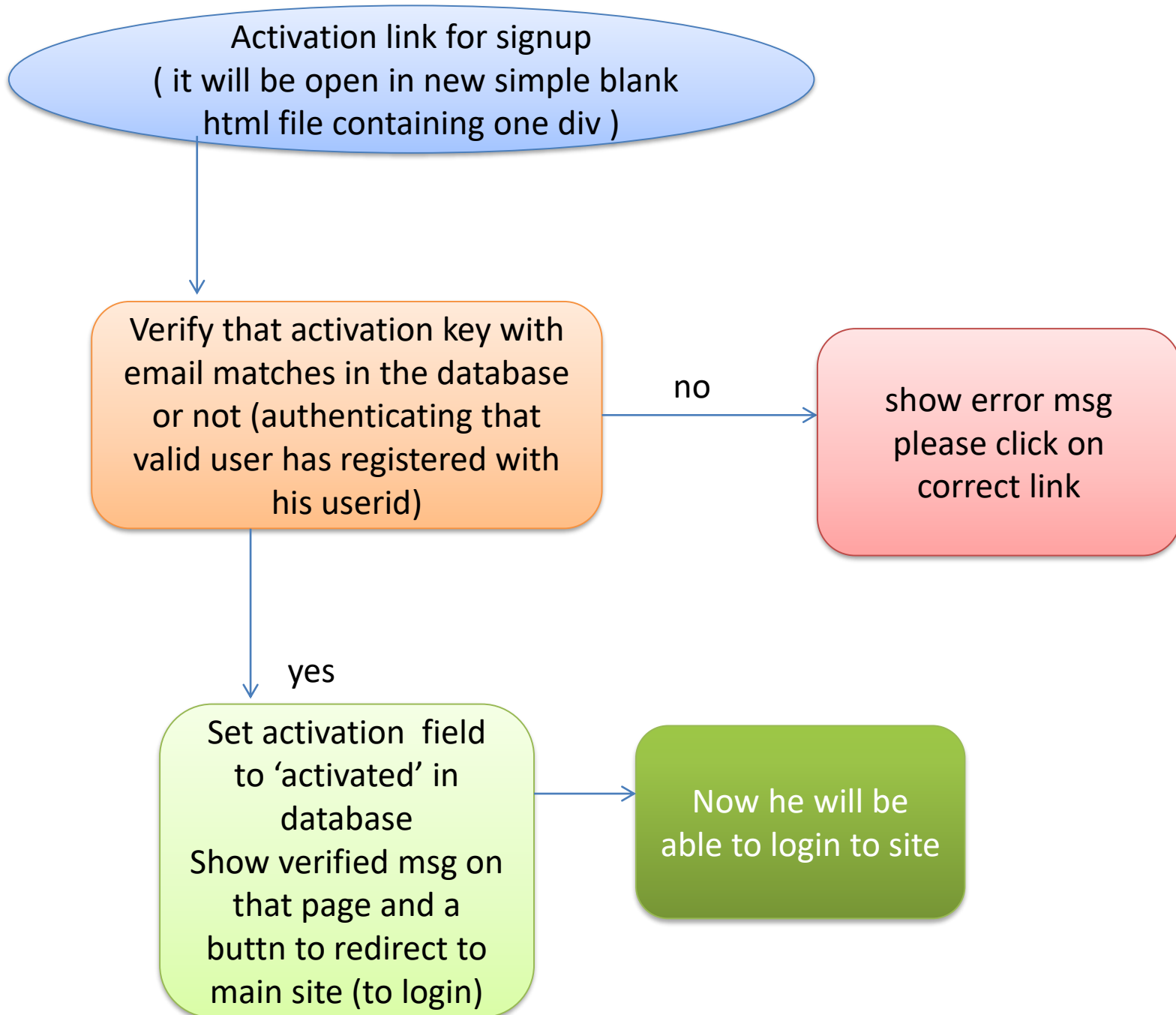
no

show error msg  
please click on  
correct link

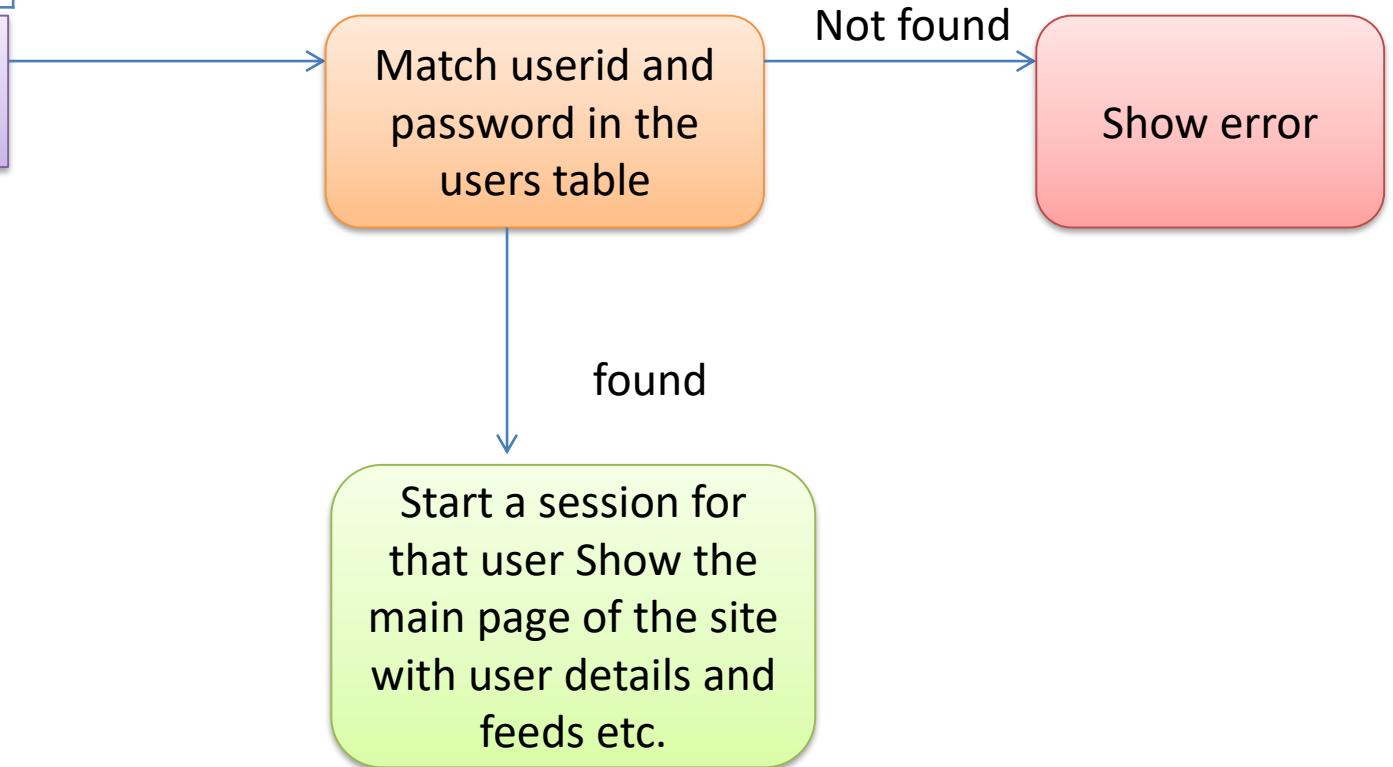
yes

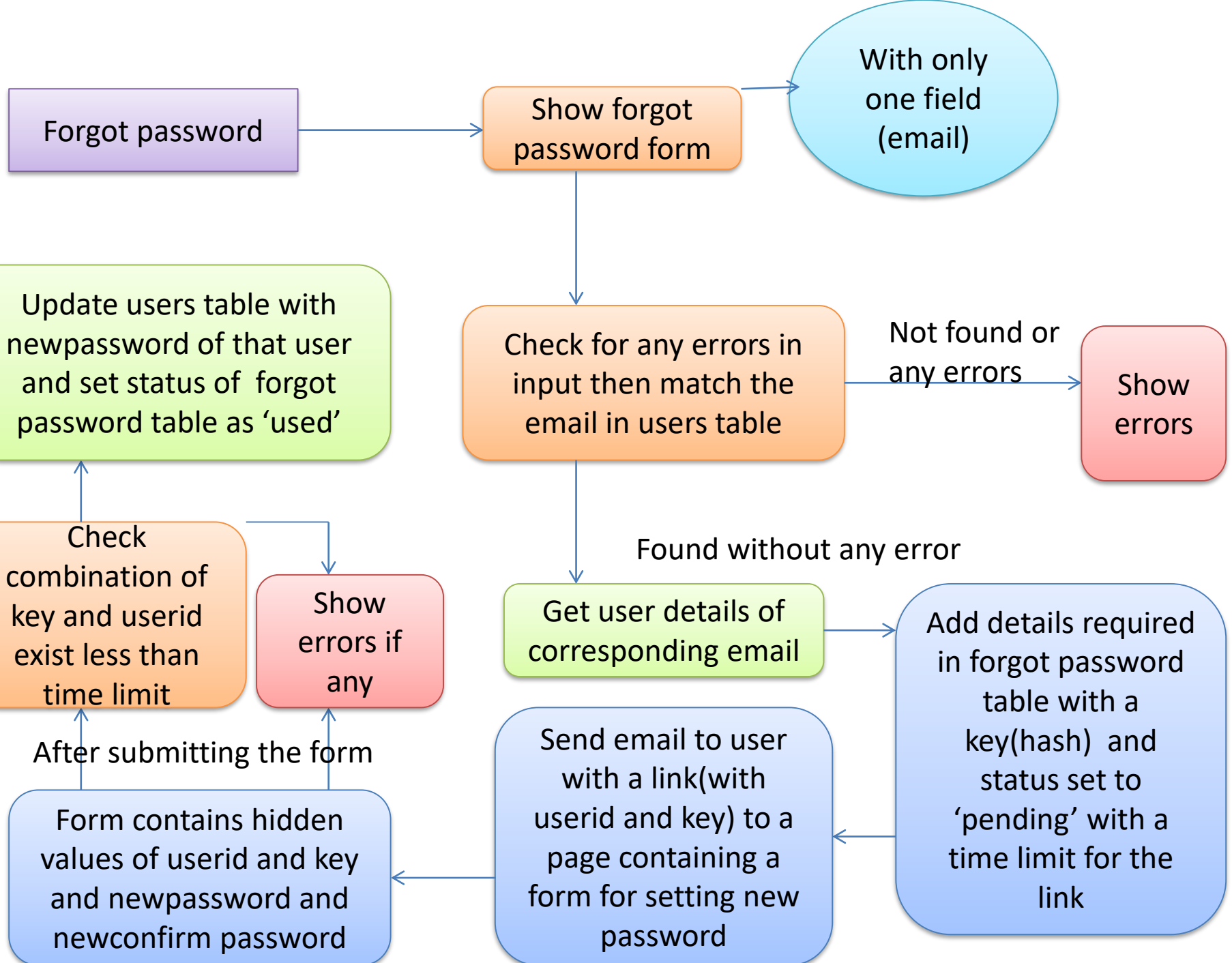
Set activation field  
to 'activated' in  
database  
Show verified msg on  
that page and a  
buttn to redirect to  
main site (to login)

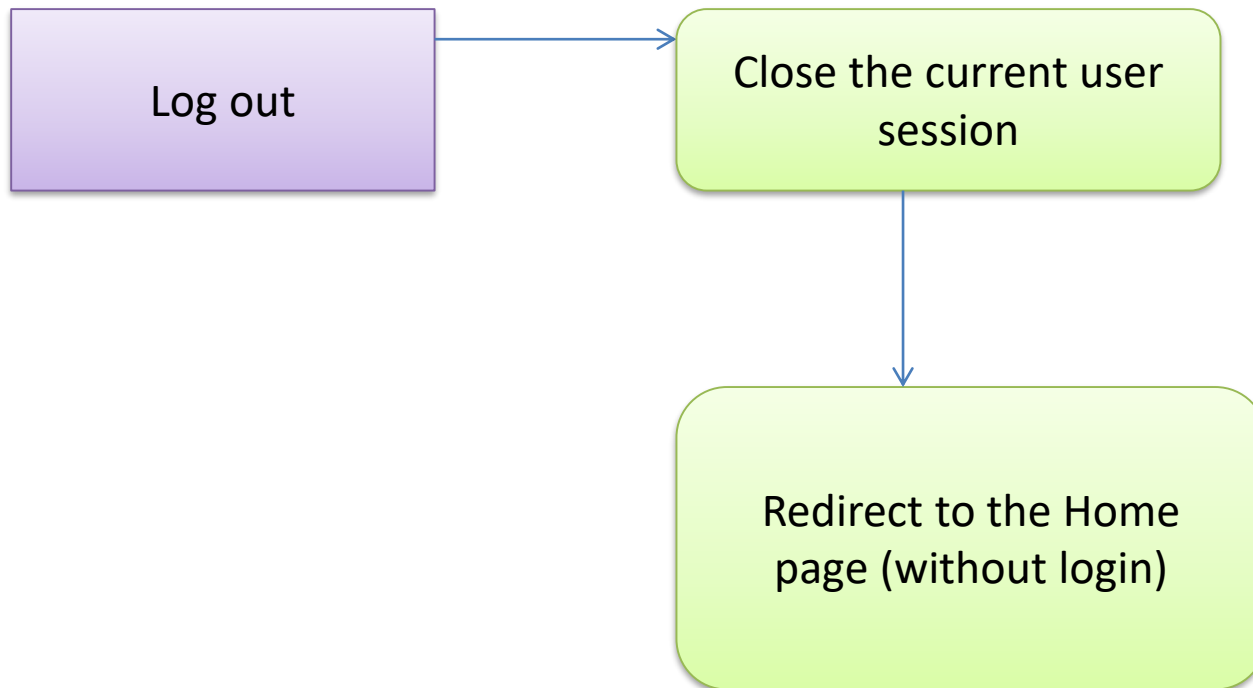
Now he will be  
able to login to site

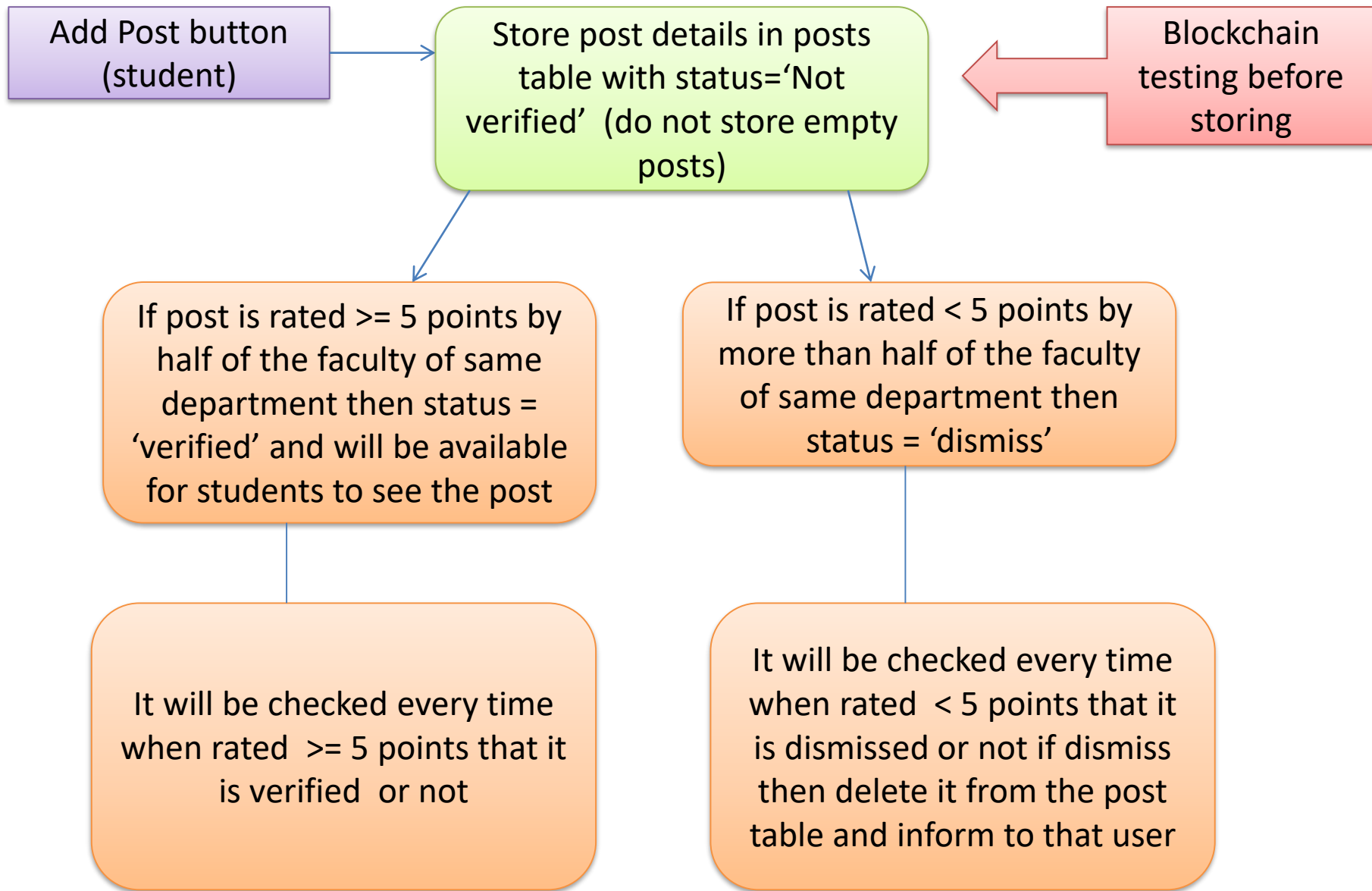


|                   |
|-------------------|
| <b>Login form</b> |
| userid            |
| Password          |
| Login             |









Add Post button  
(by faculty)

Store post details in posts  
table with status='verified'  
(do not store empty posts)

Blockchain  
testing before  
storing



When user is not logged in

Show some posts of users with high credits (where status is verified) without like button and rate button

Show login button & signup button

Filter buttons to show other posts



When user is logged in as student

Show some posts of  
users with high credits  
(where status is verified)  
with only like button(if  
not liked)  
Of same department &  
course first

-----  
Posts of faculty with like  
button if not liked

Show  
logout  
button

Show add  
new post  
button

Filter buttons  
to show other  
posts

Show user details  
Userid ,Name,Email  
Credits etc.,  
Button to show his posts  
,Button to show liked  
posts

When user is logged in as faculty

Show posts of students  
users (where status is  
verified or not verified)

with rate button

Of same department  
first(show rate button if  
not rated)

-----

And posts of faculty with  
like button if not liked

Show  
logout  
button

Show add  
new post  
button

Filter buttons  
to show other  
posts

Show user details  
Userid ,Name,Email  
Credits etc. ,Button to  
show his posts,  
Rated posts button

## Table details

### Main Database

Tables:

1.Users:

| User_id | Name | Email | Activation | User_type | Deport_id | Course | Password | credits |
|---------|------|-------|------------|-----------|-----------|--------|----------|---------|
|---------|------|-------|------------|-----------|-----------|--------|----------|---------|

2.Posts:

| Post_id | User_id(who added) | Status | Data |
|---------|--------------------|--------|------|
|---------|--------------------|--------|------|

### 3.Liked\_posts

| Post_id | User_id(who liked) | Status (like or not) |
|---------|--------------------|----------------------|
|---------|--------------------|----------------------|

### 4.Rated\_posts

| Post_id | User_id(who rated) | Rate (1-10) |
|---------|--------------------|-------------|
|---------|--------------------|-------------|

### 5.forgotpassword

| Id | User_id | Key | Time | Status (pending or used) |
|----|---------|-----|------|--------------------------|
|----|---------|-----|------|--------------------------|

### 6.Master table of the university

| Member_id | Member_type | Department id | Course (if student) | Name | Email |
|-----------|-------------|---------------|---------------------|------|-------|
|-----------|-------------|---------------|---------------------|------|-------|



**For student posts :**

**Student(like)**

1 like : 1 credit

**Teacher (rating 1-10)**

Rating 0-4 : no credit --- >1 dismiss

Rating 5-10 : 5-1credit,6-2credit,7-3credit,8-4credit,9-5credit,10-6credit ----  
>1 acceptance

**Min credits required to verify the post to show on the feeds :** ( $\text{ceil}(\text{no. of teachers of that department}/2)$ )

**For faculty posts :**

**Student(like)**

1 like : 1 credit

**Faculty like:**

**1like : 6 credit**