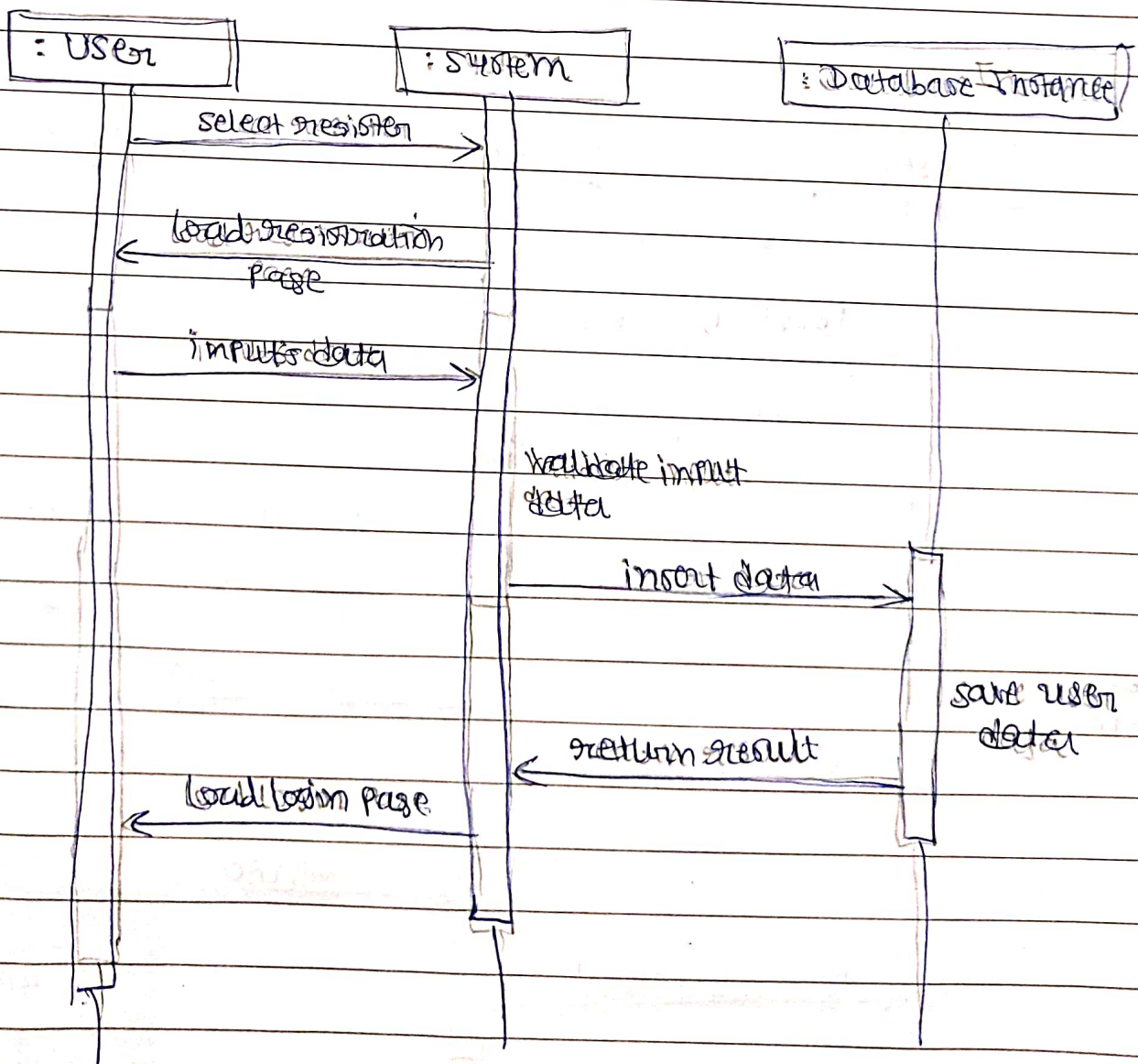# Sequence Diagram
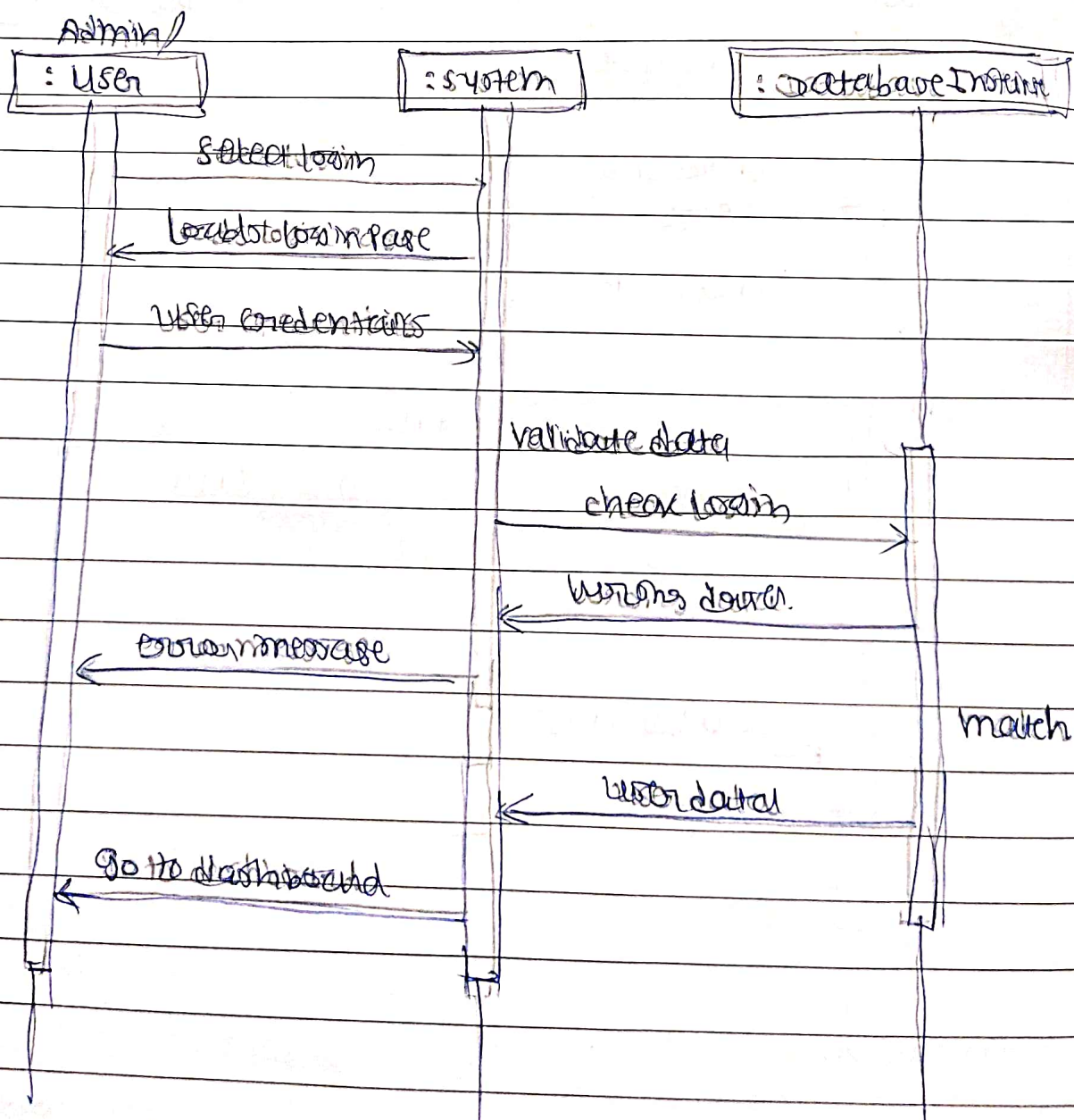
CE12 (121)
sem 6th.

1) User Registration.

Scenario: - end user register to the system.
- system verifies the input data for data validation
  system displays confirmation screen
- system send user details to database.
- database enters (inserts) user details
- database returns result to the system.
- system displays to success (confirmation
                              screen)

2. login to the system.

Admin/
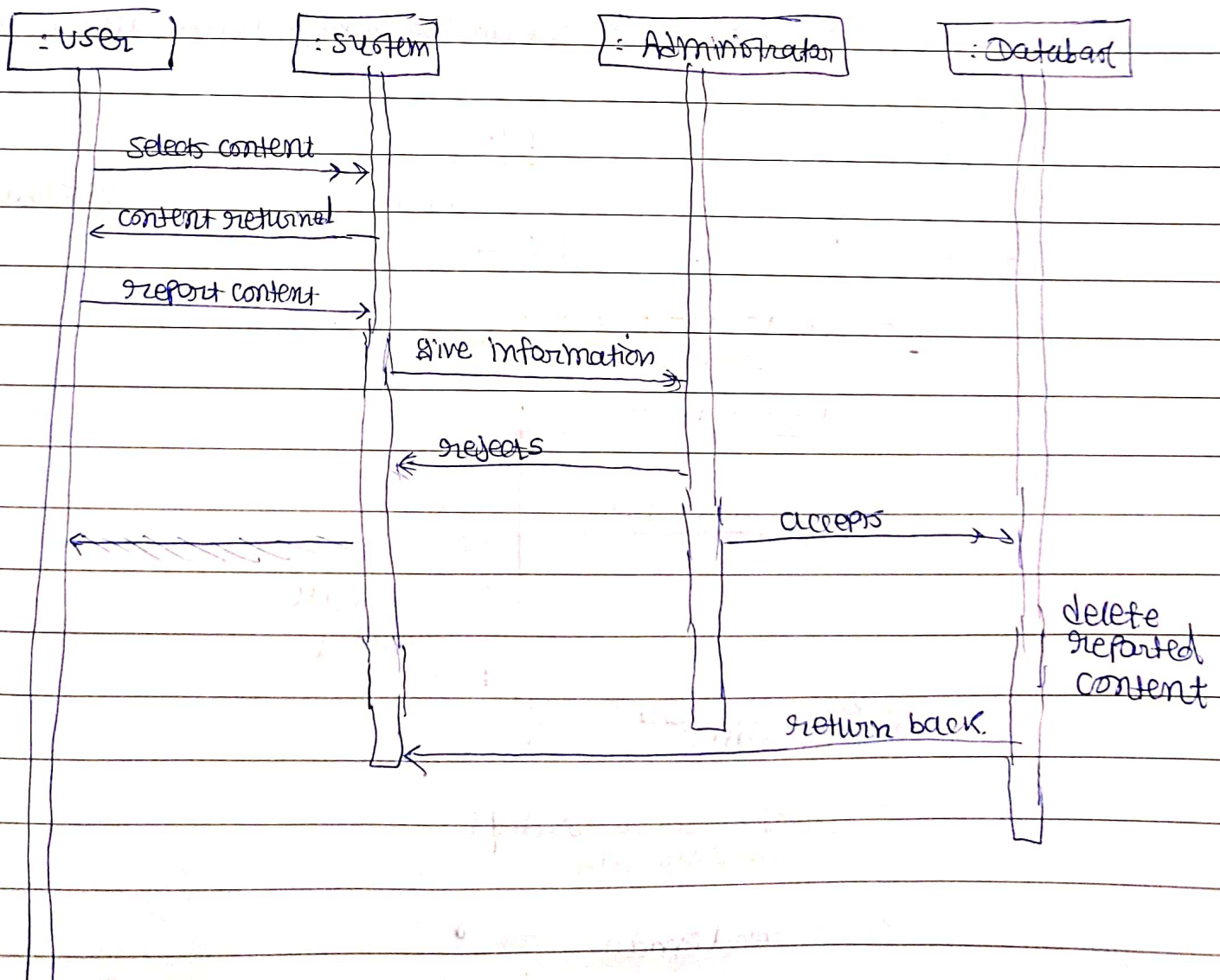
Scenario: - User request login page
- system loads login page
- user input credentaials
- system checks us and validate data
- database rate checks login
- on wrong credentials system returns error message.
- on match database returns user data
- system loads dashboard page.
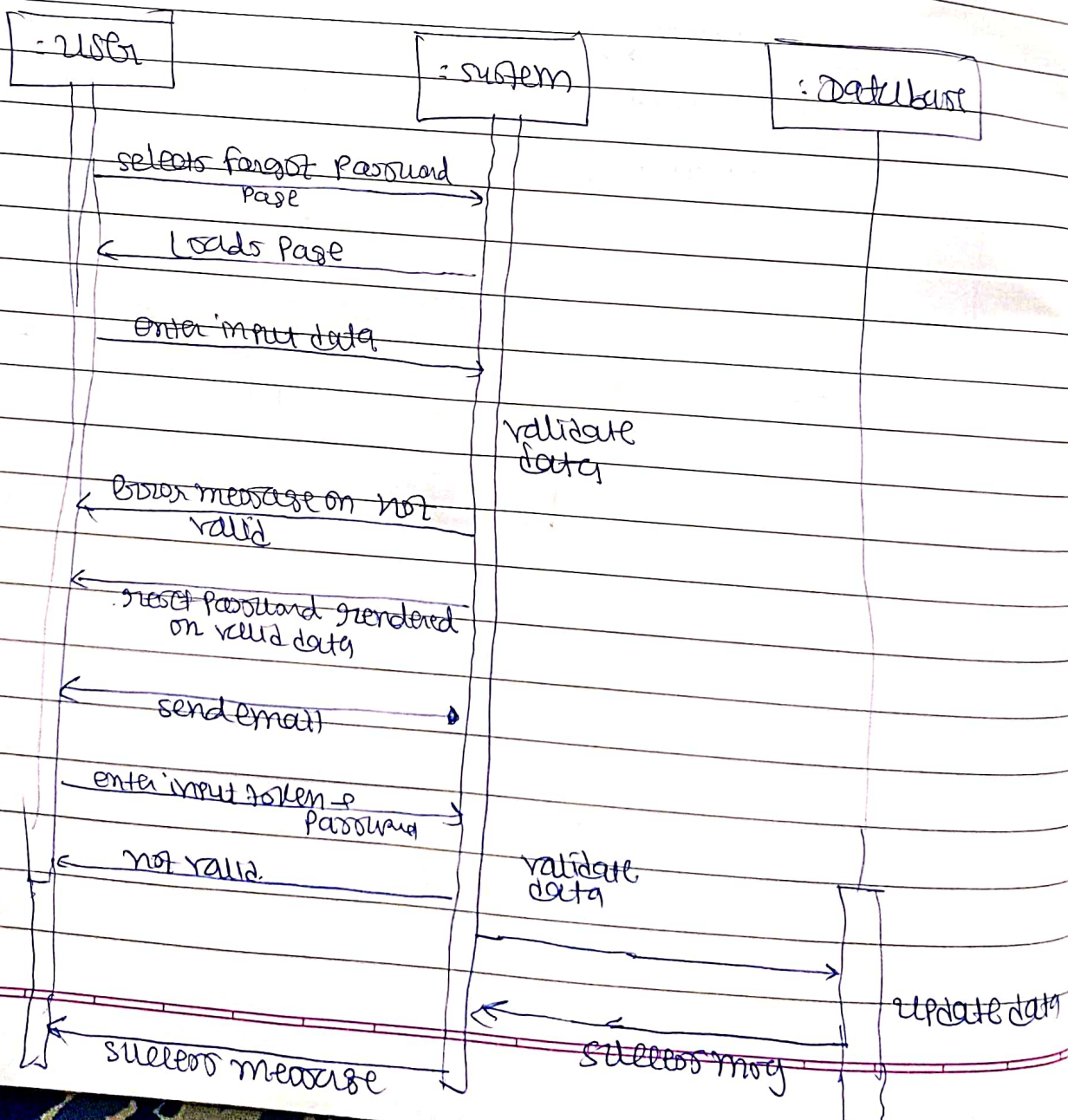
3. Report content

Scenario.   - User selects the re content.
- User selects selection for reporting the content
- System will sends information (approval) to the administrator.
  (admin can discard or accept)
- if it is discarded then nothing to do
- it approved then sends database will delete that pos content.


```
: User        : System      : Administrator      : Database

 selects content
 ─────────────►
 content returned
 ◄─────────────
 report content
 ─────────────►
              give information
              ─────────────►
                   rejects
              ◄─────────────
 ◄─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─           accepts
                                    ─────────────►
                                              delete
                                              reported
                                              content
                             return back
              ◄─────────────────────────
```

4. Reset forgot Password
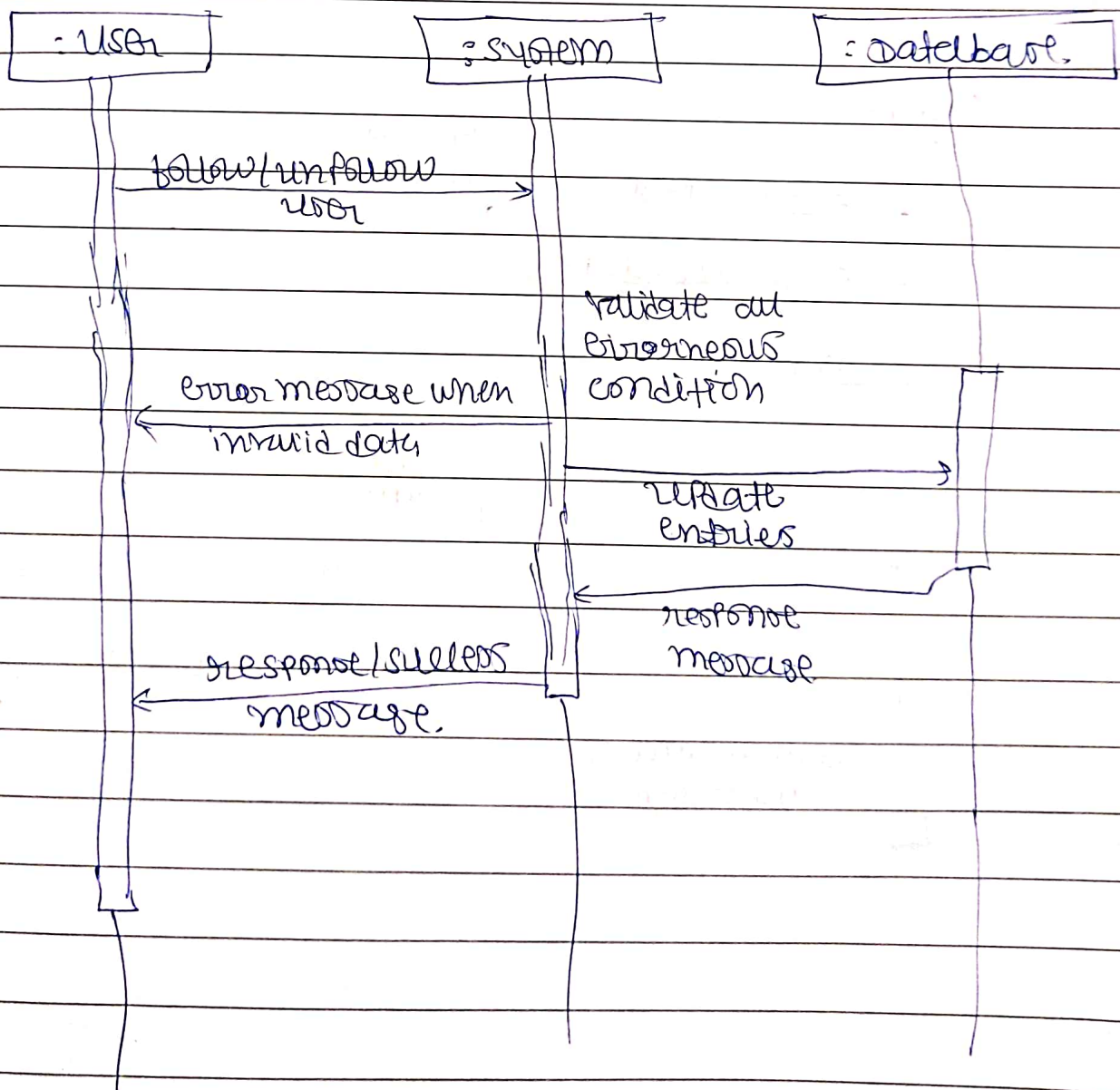
Scenario -- User selects forgot Password.
- System returns forgot Password Page
- User enters email
- System checks User exist or not.
- System returns reset Password Page
- User inputs the new system sends email to user
  User input token & password
- System checks the token & validate Password
- on error it goes to login page again with error msg
  on success it goes to login page with success msg.

5. Follow user / unfollow user

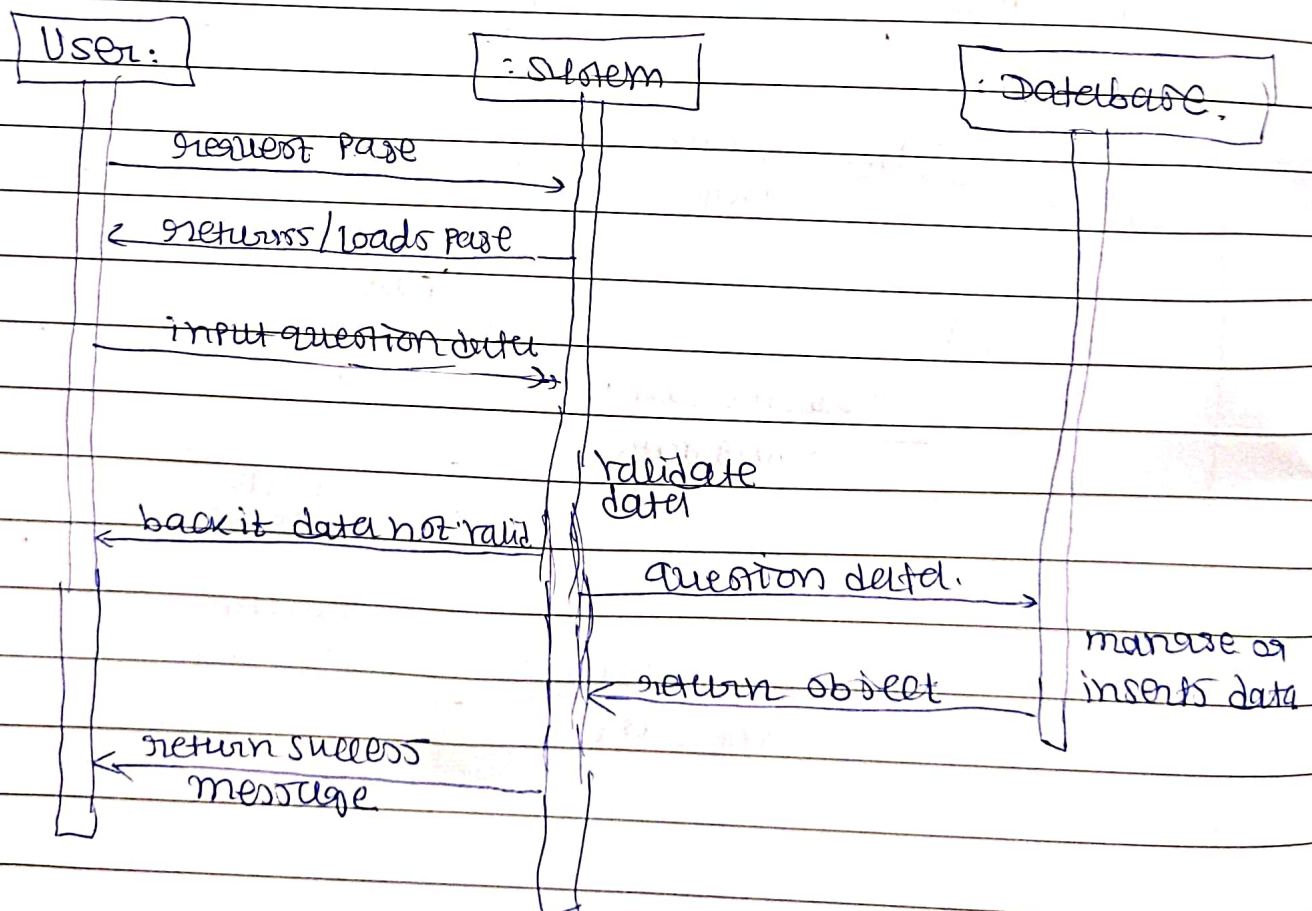Scenario: - user selects the follow / unfollow button.
- system will remove the friend or add the friend according to the selection.
- system sends checks all erronious conditions.
- then system sends the response message back to the user.

6. manage
or
ASK question

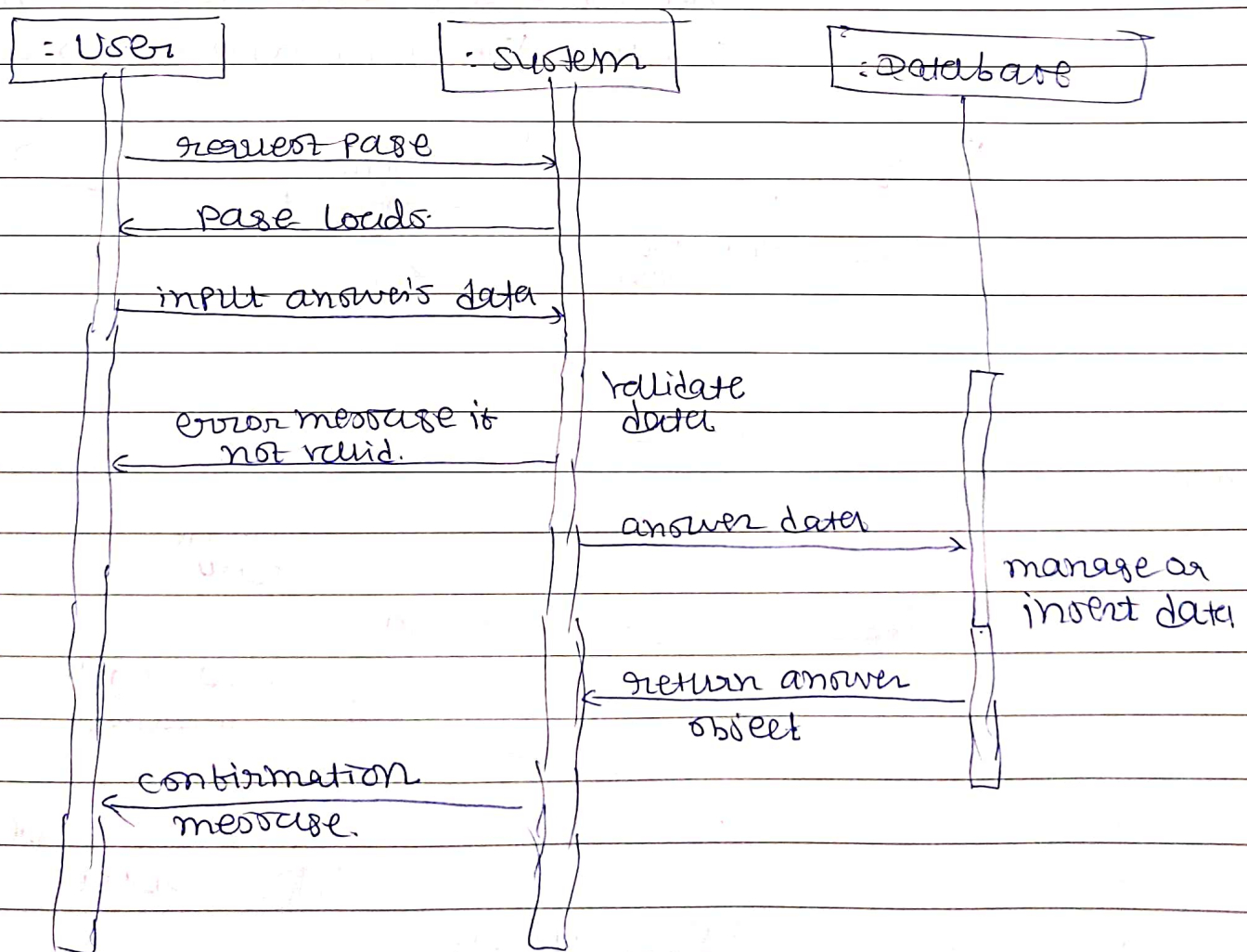scenario:- User request page to fill the Question details
- system gives the page.
- User enters data.
- system validates the data.
- database will inserts the content's data.
- return database returns question instance to the system.
- system will show success message.

User: :system   :Database.

request page →

← returns/loads page

input question data →→

validate data

← back it data not valid

question data →

manage or inserts data

← return object

← return success message

manse
on
7. o Give Answer
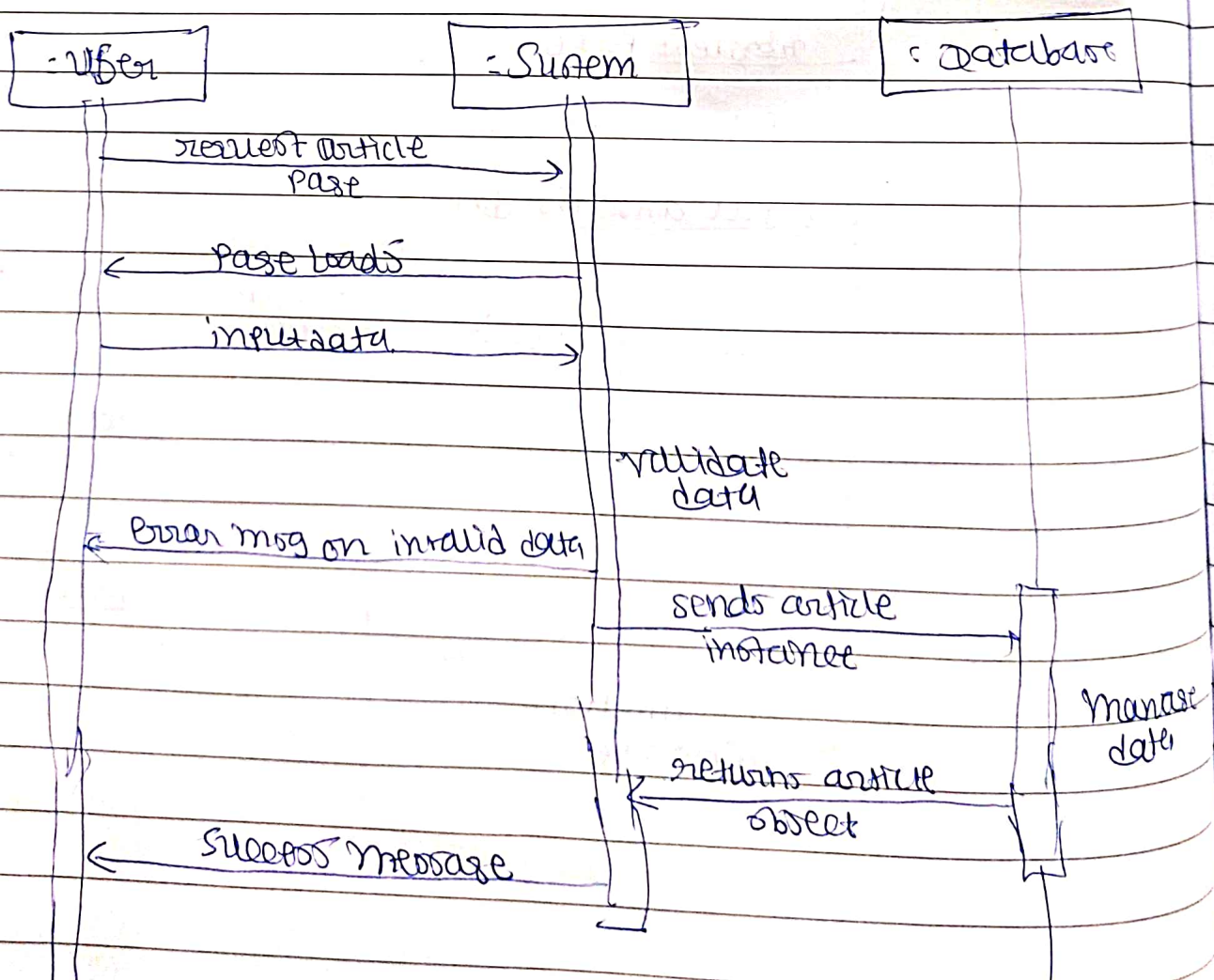
Scenario :— User request page to give answer.
- system will load the page.
- User input's Answer data to specific
  question .
- system validates the data.
- date it not valid then return error message
  to the user.
- it valid then database will insert data
  database returns Answer object to system
  and system sends on success to user.

8. Publish article

scenario :- User request article inputs data page
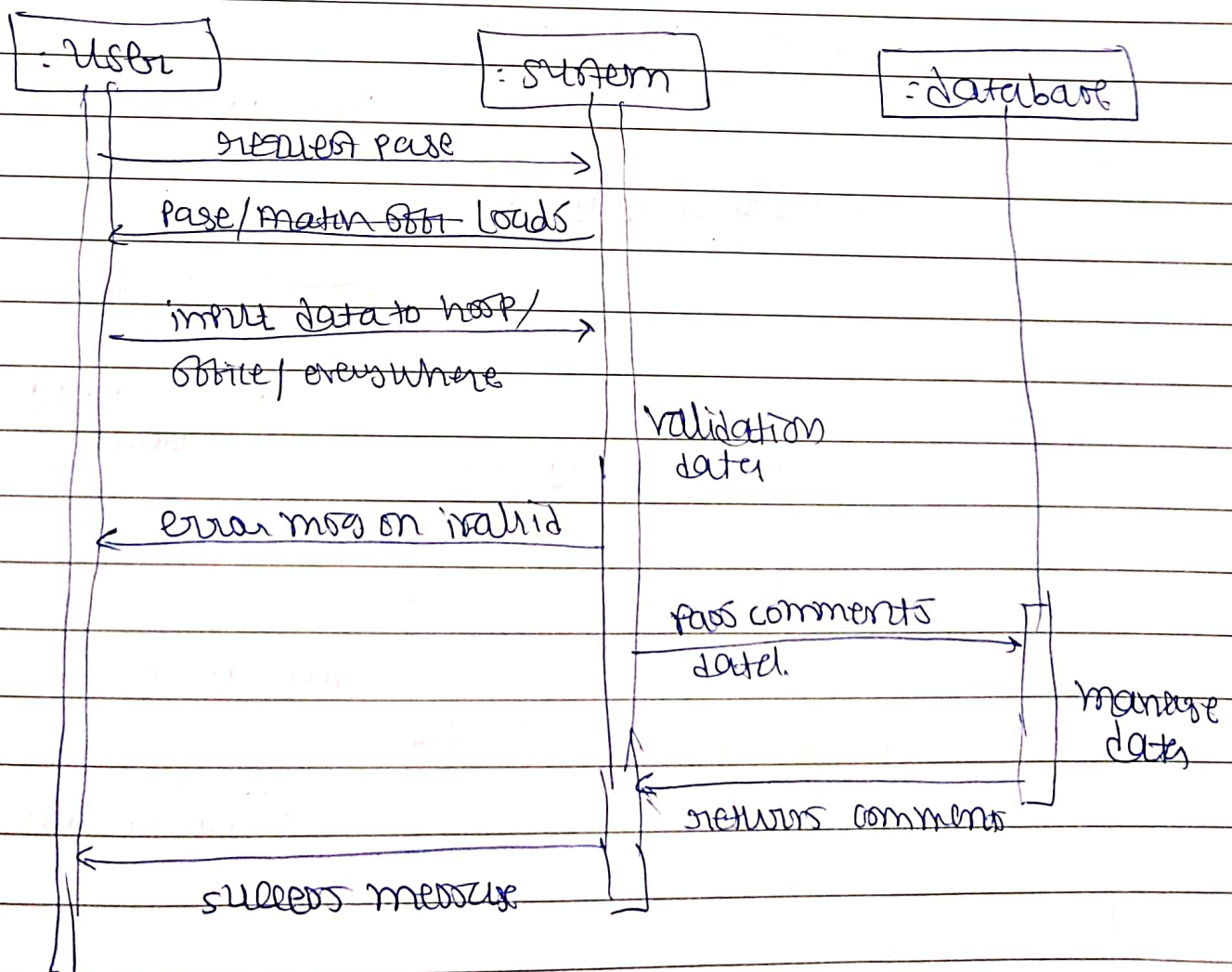   otalhiro hotel.
         - System loads the page.
         - User inputs data.
         - system will validate the data
         - if not valid then 30% pook notification
           or error message & will be done by us.
         - if valid then system sends article data
           to database.
         - database will manipulate/manage the
           first ply.
         - then database sends response message
           to emit the system and system sends to user.

manage

9. Like comments on content

scenario :- User select a page for adding new comment
system loads page
- user inputs comment's data.
- system validates
- It not valid then system will throw Error msg.
- it valid then friend's content data
- Posted to backend. (service)
- database manage, manipulate the data
  manipulated the answer's data.
  database sends instance to the account
  service.
- <p>system will sends cont. message, <p>

10. Like content.

Scenario: - User selects an content to load.
- content is a selected by user to report on such things.
- system will forwards data to database.
- database will renual / manage the likes) or ladds likes or remove likes
- database will sends message to host (system)
- system will sends the response message to the user.

: User	: System	: Database

- select content to view →
- validate id
- ← error on invalid id
- input id →
- get data
- ← returns content data
- ← returns content data
- like/dislike content →
- validation
- ← Error message on invalid
- command to increase/dec likes →
- manipulate data
- ← success message
- ← success message