Flow-Chart for admin log-in process for the hospital management

START

Username and
password

Empty input

Yes → Invalid Username or
password

No

Correct
Username and
password

No → Invalid Username or
password

Yes

Hospital management
login

Further
operations
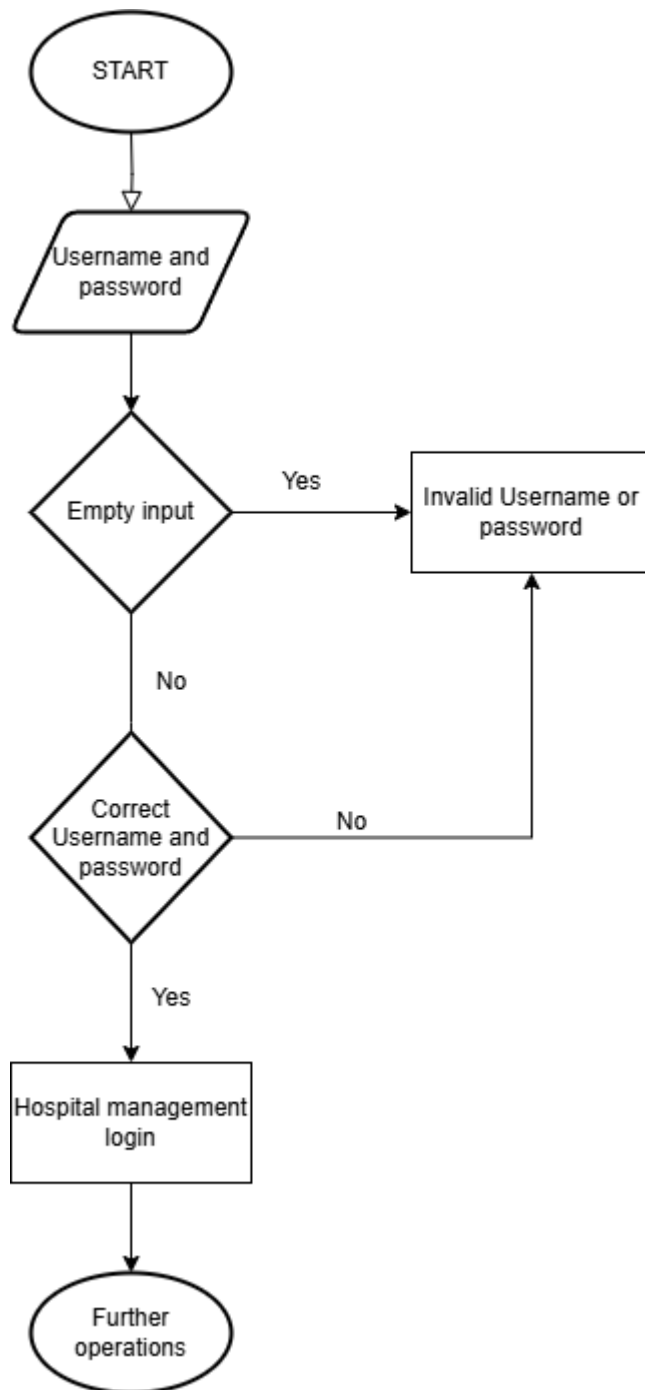
Flow-Chart for Doctor management in hospital management system

```
           ( Operations
             Start )
                |
                v
  +-------------------------------------+
  | 1- Register/view/update/delete doctor|
  | 2- Register/ View patient            |
  | 3- Discharge patients                |
  | 4- View discharged patient           |
  | 5- Assign doctor to a patient        |
  | 6- Update admin details              |
  | 7- Quit                              |
  | 8- View patients by family           |
  | 9- View Management report            |
  | 10- Relocate doctor                  |
  +-------------------------------------+
                |
                v
        / Select an option: /
                |
                v
   No      < Option=1 >      Yes
  End <------         ------->  +----------------+
                                | Dissplay:      |
                                | 1 - Register   |
                                | 2 - View       |
                                | 3 - Update     |
                                | 4 - Delete     |
                                +----------------+
                                        |
                                        v
                                / Select an Option: /
```

Display:
1 First name
2 Surname
3 Speciality

< Is Choice=1 > No < Is Choice=2 > No < Is Choice=3 > No < Is Choice=4 > No

Yes — Enter New Doctor's details

Yes — Display all doctors registered in the system

Yes — Display: 1 First name 2 Surname 3 Speciality

Yes — Deletes the patients ID

/ Select an option: /

< Is Choice=1 > No < Is Choice=2 > No < Is Choice=3: >

Yes — Enter First Name:

Yes — Enter Surname:

Yes — Enter Speciality:

No