

# HOSPITAL INFORMATION SYSTEM DOCUMENTATION



## LOGIN

### Verify users can log in with valid credentials:

This involves creating test cases to ensure that users with valid usernames and passwords can successfully log into the system. This could include testing various combinations of valid credentials for different user roles.

### Verify users cannot log in with invalid credentials:

This involves creating test cases to ensure that users with invalid usernames or passwords cannot log into the system. Testing scenarios where incorrect usernames, passwords, or both are provided is crucial to ensure the system denies access appropriately.

### Test different user roles for appropriate access levels:



This involves testing the system with different user roles (e.g., doctor, nurse, administrator) to ensure that each role has access only to the functionalities and modules they are authorized to use. Test cases should cover scenarios where users try to access functionalities that are outside their assigned roles.

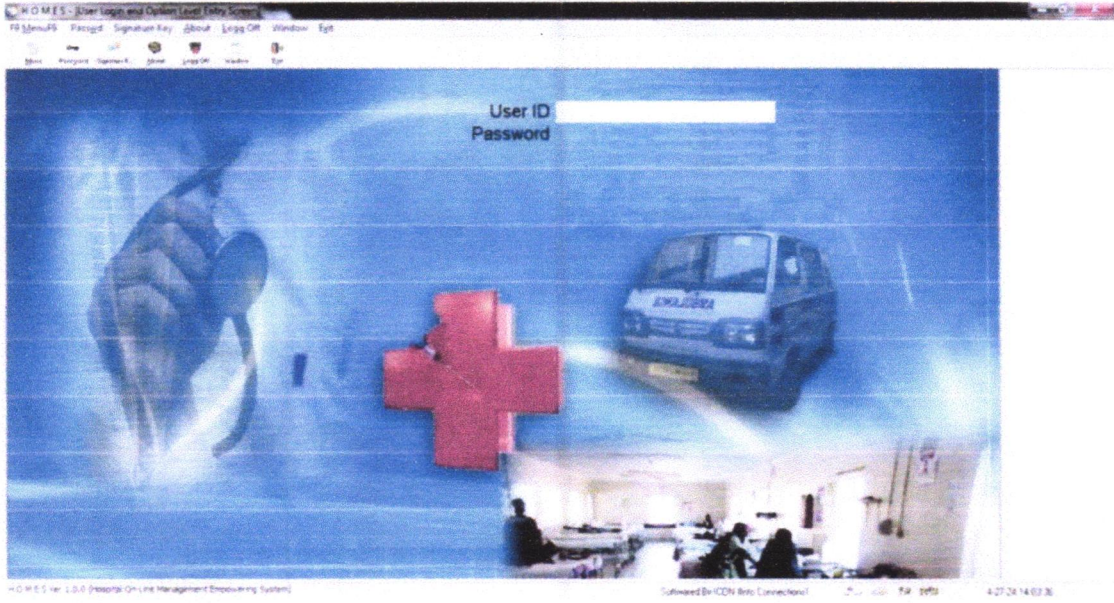
### User can change password:

This involves testing the functionality that allows users to change their passwords.

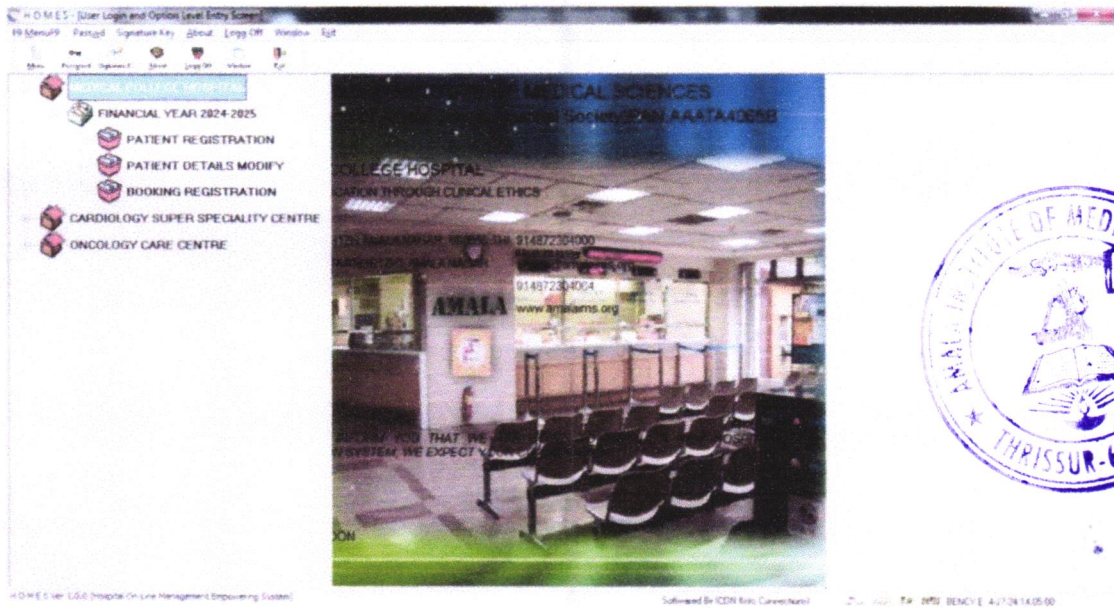
- User successfully changing their password.
- User trying to change their password with invalid credentials.
- User trying to set a weak password that does not meet the system's security requirements.
- User trying to change their password while logged in and while logged out.



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Users Can Log In With Valid Credentials



Ensuring that users are successfully authenticated and granted access to the system upon entering correct credentials. This involves ensuring that users with different roles (e.g., doctor, nurse,

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front office staffs) have appropriate access levels and permissions within the system. The options vary according to their designations.

## PATIENT REGISTRATION

The registration staff collect basic information from the patient, such as name, date of birth, address, contact information, and insurance details. Patients may also be asked to provide identification documents and insurance cards for verification. Using the Hospital Information System (HIS), the registration staff enters the patient's information to create a new patient record. They ensure that all mandatory fields are filled accurately, including demographic details and insurance information. If the patient is already in the system the staff may update existing information or verify and confirm the details.

To verify that a new patient can be successfully added to the system.

The user has appropriate permissions to add new patient records.

The system is accessible and functioning properly.

### 1. Navigate to Patient Registration Page:

Log in to the system with valid credentials.



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