

## COMPREHENSIVE SRS DOCUMENT FOR HOSTEL MANAGEMENT SYSTEM.

### Functional requirements:

1. The system shall allow tenants to register their accounts.
2. The system shall allow for room filtering whether occupied or vacant
3. The system allows room payment, generate invoice and receipts.
4. The system shall allow tenants to request room maintenance.
5. System shall allow landlord to monitor payments for each tenant.
6. The system shall allow landlords to declare a room as vacant.
7. The system shall allow occupants to submit their complaints (water, electricity, bed, Wi-Fi).
8. The system shall allow landlord/caretaker to mark maintenance as pending, work in progress or completed.
9. The system shall allow tenant to see real-time updates on maintenance work.
10. The system shall allow landlord to view a list of occupied rooms and each tenant's payment history.

### Non-functional Requirement:

performance.

Security.

Availability.

Scalability.

Reliability

Usability

### **System Overview.**

This is a system where a tenant can see vacant rooms and register for the one room they desire, pay rent from their account, request room maintenance, and see changes made to

the room by the management. The landlord can see the occupied rooms and monitor payments for each tenant and can manage the tenant requests in coordination with the caretaker.

Key Stakeholder and User types:

1. Landlord.
2. Caretaker.
3. Tenant.

**System modules.**

1. Landlord dashboard.
2. Caretaker dashboard.
3. Tenant dashboard.