2.3.1 Functional Requirements

Authentication & User Management

1. The system shall allow users to register using valid personal information.

2. The system shall allow users to log in using a valid username/email and password.

3. The system shall provide role-based access for Tenant, Landlord, Owner, and Manager.

4. The system shall allow users to update their profile information.

5. The system shall allow users to change their password securely.

6. The system shall allow authorized administrators/managers to activate or deactivate user accounts.

Tenant Functional Requirements

7. The system shall allow tenants to browse available rental properties.

8. The system shall allow tenants to view detailed information of selected properties.

9. The system shall allow tenants to apply for rental properties.

10. The system shall allow tenants to track the status of their rental applications.

11. The system shall allow tenants to view and sign rental agreements electronically.

12. The system shall allow tenants to make rent payments through the system.

13. The system shall allow tenants to view rent payment history.

14. The system shall allow tenants to receive system notices and alerts.

15. The system shall allow tenants to submit maintenance requests.

16. The system shall allow tenants to track the status of maintenance requests.

Landlord Functional Requirements

17. The system shall allow landlords to add new rental property listings.

18. The system shall allow landlords to update property details.

19. The system shall allow landlords to remove rental property listings.

20. The system shall allow landlords to view tenant rental applications.

21. The system shall allow landlords to approve or reject tenant applications.

22. The system shall allow landlords to generate rental agreements.

23. The system shall allow landlords to track rent payments for their properties.

24. The system shall allow landlords to view and respond to maintenance requests.

25. The system shall allow landlords to send notices to tenants.

Owner Functional Requirements

26. The system shall allow owners to view all properties under their ownership.

27. The system shall allow owners to assign landlords to manage properties.

28. The system shall allow owners to monitor tenant occupancy status.

29. The system shall allow owners to view rental agreements related to their properties.

30. The system shall allow owners to track financial summaries such as total rent collected and pending payments.

31. The system shall allow owners to evaluate landlord performance.

Manager / Admin Functional Requirements

32. The system shall allow managers/admins to manage all user accounts.

33. The system shall allow managers/admins to approve or reject property listings.

34. The system shall allow managers/admins to monitor all rental activities.

35. The system shall allow managers/admins to manage maintenance requests and assign tasks.

36. The system shall allow managers/admins to view system-wide rent payment reports.

37. The system shall allow managers/admins to generate activity and performance reports.

The system shall allow managers/admins to send notices and announcements to users.