

Admin / Cooperative Manager

Role:

Manages all system operations and module data.

Responsibilities:

- Review and assign **Maintenance Requests**
- Create, update, and remove **Events** and **Announcements**
- Manage **EventAttendees** (attendance records)
- Monitor reports and system performance

Maintenance Request

Role:

Represents maintenance or repair concerns handled by the admin.

Details:

- Contains request **title**, **description**, **priority**, **status**, and related **dates**
- Linked internally to a **resident record** for tracking
- Managed and updated by **Admin**
- Tracks progress from submission to resolution

Announcements

Role:

Used by Admin to post community updates or notifications.

Details:

- Includes **title, description, and date/time**
- Created and updated by **Admin**
- Visible to all users for informational purposes

EventAttendees

Role:

Tracks attendance participation for meetings and events.

Details:

- Links residents internally to specific events
- Tracks **attendanceStatus** (confirmed / declined / pending)
- Updated by **Admin** as part of event management

Basic Workflow

1. **Admin** manages all system modules (Maintenance, Events, Announcements, EventAttendees).
2. **Admin** reviews and updates **Maintenance Requests**.
3. **Admin** creates and posts **Announcements**.
4. **EventAttendees** records handle attendance for meetings.

5. The system automatically tracks:

- Request status
- Event details
- Attendance records

- Admin

-adminId
-name
-email
-password

+addResident()
+updateResident()
+removeResident()
+reviewRequest()
+assignRequest()
+createAnnouncement()
+manageAnnouncement()
+monitorReports()

- MaintenanceRequest

-requestId
-residentId
-title
-description
-priority
-status
-dateSubmitted
-dateResolved

+updateStatus()
+assignToAdmin()

- Announcements

-announcementId
-title
-description
-dateTime
-createdBy(adminId)

+createAnnouncement()
+updateAnnouncement()
+removeAnnouncement()

- EventAttendees

-attendeId
-eventID
-residentID
-attendanceStatus

+confirmAttendance()
+updateStatus()