

- **Membership Registration:** The system allows new members to register by entering personal information and selecting a membership plan (6 months, 1 year, or 3 years).
- **Membership ID Management:** A unique membership ID number is generated and assigned to each new member upon registration.
- **Unlimited Visits During Membership:** Registered members with valid memberships can visit the club an unlimited number of times during their membership period.
- **Membership Validity Check:** The system validates the member's ID by scanning their card or phone and verifying the membership status during visits.
- **Expired Membership Notification:** The system rejects access for members with expired memberships and notifies staff for renewal options.
- **Membership Renewal Process:** Staff can renew an expired membership on the spot using their login credentials and specifying the new membership duration (payments handled separately).
- **Renewal Notice Generation:** The system sends monthly renewal notices to members whose memberships are set to expire in the following month via email.
- **Inactive Member Report:** The system maintains a list of members who haven't visited the club in the last 30 days, accessible only to the manager, along with their contact details.
- **Frequent Visitor Report:** The system generates a report of the most frequent club users, sorted by the number of visits.

- Member Search Feature: Staff can search for any member using their name, membership ID, or email.

- Membership Expiry Alerts: The system displays an alert to the member and staff when a membership is set to expire within 7 days, offering renewal options.

- Membership Suspension: The manager can temporarily suspend a member's membership and track the suspension period.

- Visitor Log Report: The system generates a log of member visits, including the date, time, duration, and any accompanying guests.

- Access Denied Log: Instances of access denial due to expired or suspended memberships are logged by the system.

- Membership Renewal Confirmation: An automated confirmation email is sent to the member after a successful membership renewal.