

# Use case template

## Guest use cases:

### Use Case Name: View Homepage

- **Brief Description:**

- A guest user can access the homepage to get an overview of the chess club, its mission, and key highlights.

- **Actors:** Guest

- **Preconditions:**

- The guest has access to the website.

- **Basic Flow:**

1. The guest navigates to the homepage.
2. The system displays an overview of the chess club, including featured content.

- **Exception Flows:**

- If the system fails to load, an error message is displayed.

- **Post Conditions:**

- The guest has viewed the homepage.

### **Use Case Name: Contact Shah2Range**

- **Brief Description:**
  - A guest user can submit an inquiry or contact the chess club through a contact form.
- **Actors:** Guest
- **Preconditions:**
  - The guest has access to the contact page.
- **Basic Flow:**
  1. The guest navigates to the "Contact Us" section.
  2. The system displays a contact form.
  3. The guest fills in the required details and submits the form.
  4. The system validates the input and stores the inquiry.
  5. The system confirms successful submission.
- **Exception Flows:**
  - If required fields are missing, the system prompts the user to complete them.
  - If the system fails, an error message is displayed.
- **Post Conditions:**
  - The inquiry is stored for further processing by the admin.
- **Alternate Flow:**
  - If the guest has already submitted an inquiry recently, the system prevents duplicate submissions.

### **Use Case Name: Explore Programs and Services**

- **Brief Description:**
  - A guest user can browse the available chess programs and services offered by the club.
- **Actors:** Guest
- **Preconditions:**
  - Programs and services are available in the system.

- **Basic Flow:**
  1. The guest navigates to the "Programs and Services" section.
  2. The system displays a list of available programs and descriptions.
- **Exception Flows:**
  - If no programs exist, the system displays a message stating no available programs.
  - If content fails to load, an error message appears.
- **Post Conditions:**
  - The guest has reviewed the list of programs and services.

#### **Use Case Name: Read FAQs**

- **Brief Description:**
  - A guest user can read frequently asked questions to find answers to common inquiries.
- **Actors:** Guest
- **Preconditions:**
  - FAQs are available in the system.
- **Basic Flow:**
  1. The guest navigates to the "FAQs" section.
  2. The system displays a list of common questions and answers.
- **Exception Flows:**
  - If no FAQs are available, the system displays a message.
  - If content fails to load, an error message is displayed.
- **Post Conditions:**
  - The guest has accessed and read FAQs.

### **Use Case Name: Submit Student Registration Inquiry**

- **Brief Description:** A guest user can fill out and submit a student registration inquiry form, providing necessary details such as name, phone number, and address. The system stores the inquiry for further processing by the admin.
- **Actors:** Guest
- **Preconditions:**
  - The user is on the website and has access to the registration form.

- **Basic Flow:**

The guest navigates to the "Student Registration" section.

The system displays the registration form.

The guest fills in the required fields (name, phone, email, address).

The guest submits the form.

The system validates the input and checks if the form was filled.

If validation is successful, the system stores the inquiry and displays a confirmation message.

**Alternate Flow:**

- If the student has already submitted a request earlier, the system displays a message and prevents resubmission.

- **Exception Flows:**

- If required fields are missing, the system prompts the user to complete them.
- If an invalid email or phone number format is entered, the system requests corrections.
- If the system is down, an error message is displayed, and the form submission fails.

- **Post Conditions:**

- The registration inquiry is saved in the system for further processing.
- The guest receives confirmation of the submission.

### **Use Case Name: View News and Events**

- **Brief Description:** A guest user can browse the latest news, updates, and upcoming events related to the chess club.
- **Actors:** Guest
- **Preconditions:**
  - The system has published news and events.

- **Basic Flow:**

The guest navigates to the "News and Events" section in the website.

The system displays a list of news articles and upcoming events.

The guest clicks on a specific news item or event for more details.

The system displays the full content of the selected news item or event.

- **Exception Flows:**
  - If no news or events are available, the system displays a message indicating no updates.
  - If the system fails to load content, an error message is shown.
- **Post Conditions:**
  - The guest has viewed the relevant news or events.

### **Use Case Name: Browse Gallery**

- **Name:** Browse Gallery

- **Brief description:** A guest user can view images and media related to past events, training sessions, and chess competitions.
- **Actors:** Guest
- **Preconditions:**
  - The gallery contains uploaded images.
- **Basic Flow:**

The guest navigates to the "Gallery" section.

The system displays a collection of images and videos.

- **Exception Flows:**
  - If no media is available, the system displays a message indicating an empty gallery.
  - If the media fails to load, an error message is displayed.
- **Post Conditions:**
  - The guest has viewed images or videos in the gallery.

## Trainer use cases:

### **Use Case Name: Trainer Login**

- **Brief Description:**  
The trainer logs in to manage lessons and access necessary information, such as schedules, materials, and student attendance.
- **Actors:** Trainer
- **Preconditions:**

- The trainer has valid login credentials.

**Basic Flow:**

The trainer navigates to the login page.

The trainer enters their username and password.

The system validates the credentials.

If successful, the system redirects the trainer to their personal dashboard.

**Alternate Flow:**

- If the system detects repeated failed login attempts, it temporarily locks the user and sends a security alert.

- **Exception Flows:**

- If the trainer enters incorrect credentials, the system displays an error and allows retry.
- If the trainer forgets their password, they can initiate a password recovery process.

- **Post Conditions:**

- The trainer is logged in and redirected to their dashboard.

**Use Case Name : View Dashboard**

- **Brief Description:**

After logging in, the trainer can view an overview of their scheduled sessions, notifications, and recent feedback from the admin.

- **Actors:** Trainer

- **Preconditions:**

- The trainer is logged in.

- **Basic Flow:**

The trainer accesses the dashboard.

The system displays key information, including upcoming sessions, recent notifications, and feedback.

- **Exception Flows:**

- If the system fails to load data, an error message is displayed.

- **Post Conditions:**

- The trainer has an overview of their recent activity and updates

### **Use Case Name: Access Lesson Materials and Schedule**

- **Brief Description:**

The trainer can view lesson schedules, syllabus, and educational materials for their sessions.

- **Actors:** Trainer

- **Preconditions:**

- The trainer is logged in.
- Lesson data is available in the system.

- **Basic Flow:**

The trainer navigates to the lesson materials section.

The system displays a list of scheduled lessons.

The trainer selects a specific lesson.

The system presents the syllabus, schedule, and relevant materials.

The trainer can search or filter lesson content.

The trainer can mark attendance

**Alternate Flow:**

- If the system detects that the lesson has already passed, it displays the materials only and prevents attendance marking.



- **Exception Flows:**

- If no lesson materials are available, the system displays a message indicating that no content exists.
- If materials fail to load, an error message appears.

- **Post Conditions:**

The trainer has accessed lesson details and can manage attendance.

### **Use Case Name: View Notifications**

- **Brief Description:**

The trainer receives notifications from the admin regarding updates, changes, or important messages.

- **Actors:** Trainer

- **Preconditions:**

- The trainer is logged in.
- There are notifications available.

- **Basic Flow:**

The trainer accesses the notifications section.

The system displays a list of notifications.

- **Exception Flows:**

- If no notifications are available, the system displays a message indicating no new updates.
- If notifications fail to load, an error message appears.

- **Post Conditions:**

- The trainer has reviewed the latest notifications.

### **Use Case Name: View Feedback from Admin**

- **Brief Description:**

The trainer can view feedback and performance reviews submitted by the admin.

- **Actors:** Trainer

- **Preconditions:**

- The trainer is logged in.
- The admin has provided feedback.

- **Basic Flow:**

The trainer accesses the feedback section.

The system displays recent feedback and reviews.

The trainer can read and acknowledge feedback.

- **Exception Flows:**

- If no feedback is available, the system displays a message indicating no updates.
- If feedback fails to load, an error message appears.

- **Post Conditions:**

- The trainer has reviewed feedback from the admin.

### Admin use cases:

### **Use Case Name: Login and authentication**

- **Brief Description:**

The admin logs into the system to manage users, oversee training materials, and monitor activities.

- **Actors:** Admin

- **Preconditions:**

- The admin has valid login credentials.

- **Basic Flow:**

The admin navigates to the login page.

The admin enters their username and password.

The system validates the credentials.

If successful, the system redirects the admin to the management panel.

**Alternate Flow:**

- If suspicious activity is detected, the system requires additional authentication (e.g., sending a verification code to email or phone).

- **Exception Flows:**

- If the admin enters incorrect credentials, an error message appears.
- If the system is down, an error message is displayed.

- **Post Conditions:**

- The admin is logged in and has access to the system's management features.

### Use Case Name: View Admin Dashboard

- **Brief Description:**

- The admin can access an overview dashboard displaying key statistics, recent activities, and pending actions.

- **Actors:** Admin

- **Preconditions:**

- The admin is logged in.

- **Basic Flow:**

The admin navigates to the dashboard.

The system displays key metrics, recent user activities, and pending tasks.

- **Exception Flows:**

- If the dashboard fails to load, an error message is displayed.

- **Post Conditions:**

- The admin has an overview of system status and pending actions.

### Use Case Name: Manage Students & Trainers:

- **Brief Description:**

The admin manages the list of students and trainers, including adding, removing, and assigning trainers to students.

- **Actors:** Admin

- **Preconditions:**

- The admin is logged in.

- **Basic Flow:**

The admin navigates to the user management section.

The system displays a list of students and trainers.

The admin can:

- Add a new student or trainer.
- Remove a student or trainer.
- Assign a trainer to a student.

The system updates the database accordingly.

**Alternate Flow:**

- If the admin attempts to delete a student assigned to an active learning group, the system displays a warning and requires additional confirmation.

- **Exception Flows:**

- If user data fails to save, an error message appears.
- If the admin tries to remove a user who is linked to active sessions, the system prompts a confirmation.

- **Post Conditions:**

- The user list is updated in the system.

**Use Case Name: Assign Trainers to Schools/Groups**

- **Brief Description:**

- The admin can assign trainers to specific schools or student groups for training sessions.

- **Actors:** Admin

- **Preconditions:**

- The admin is logged in.
- Schools and student groups exist in the system.
- Trainers are registered in the system.

- **Basic Flow:**

The admin navigates to the trainer assignment section.

The system displays a list of trainers and available schools/groups.

The admin selects a trainer and assigns them to a school or group.

The system updates the assignment and confirms the action.

- **Exception Flows:**

- If the selected trainer is already assigned elsewhere, the system displays a warning.
- If the assignment fails to save, an error message is displayed.

- **Post Conditions:**

- The trainer is successfully assigned to a school or student group.

- **Alternate Flow:**

- If a trainer is reassigned, the system logs the change and notifies relevant users.

## **Use Case Name: Add and Manage Feedback**

- **Brief Description:**

- The admin can add, review, and manage feedback given to trainers.

- **Actors:** Admin

- **Preconditions:**

- The admin is logged in.
- Trainers exist in the system.

- **Basic Flow:**

1. The admin navigates to the feedback management section.
2. The system displays a list of trainers and existing feedback.
3. The admin selects a trainer and adds or updates feedback.
4. The system saves the feedback and notifies the trainer if applicable.

- **Exception Flows:**
  - If feedback submission fails, an error message is displayed.
- **Post Conditions:**
  - The feedback is stored and accessible to the trainer.

### **Use Case Name: Manage Notifications and Send Email Notifications**

- **Brief Description:**
  - The admin can create and manage notifications, including sending email alerts to trainers and students.
- **Actors:** Admin
- **Preconditions:**
  - The admin is logged in.
  - There are recipients in the system.
- **Basic Flow:**
  1. The admin navigates to the notifications section.
  2. The system displays a list of past and scheduled notifications.
  3. The admin creates a new notification or modifies an existing one.
  4. The system sends the notification via the appropriate channels (email, system alert, etc.).
- **Exception Flows:**
  - If the notification fails to send, an error message is displayed.
- **Post Conditions:**
  - The recipients receive the notification.

### **Use Case Name: Edit News and Events**

- **Brief Description:**
  - The admin can create, edit, and manage news articles and event announcements.
- **Actors:** Admin
- **Preconditions:**
  - The admin is logged in.
- **Basic Flow:**
  1. The admin navigates to the news and events management section.
  2. The system displays a list of existing news and events.
  3. The admin selects an item to edit or creates a new one.
  4. The system saves the changes and updates the public view.
- **Exception Flows:**
  - If the content fails to save, an error message is displayed.
- **Post Conditions:**
  - The updated news or event is available for public viewing.

### **Use Case Name: Manage Gallery**

- **Brief Description:**



- The admin can upload, delete, and manage images and videos in the gallery.
- **Actors:** Admin
- **Preconditions:**
  - The admin is logged in.
- **Basic Flow:**
  1. The admin navigates to the gallery management section.
  2. The system displays the current gallery content.
  3. The admin uploads a new image/video or removes existing content.
  4. The system updates the gallery accordingly.
- **Exception Flows:**
  - If the upload fails, an error message is displayed.
- **Post Conditions:**
  - The gallery is updated with the latest images and videos.

#### **Use Case Name: Monitor Trainer Activity**

- **Brief Description:**

The admin tracks trainer activities, including actions performed in the system and attendance records.
- **Actors:** Admin
- **Preconditions:**
  - The admin is logged in.
- **Basic Flow:**

The admin navigates to the trainer activity section.

The system displays recent activities, including attendance records and system interactions.

The admin can filter activities by date, trainer, or action type.

- **Exception Flows:**

- If no activity logs exist, the system displays a message.
- If logs fail to load, an error message appears.

- **Post Conditions:**

- The admin has reviewed trainer activity records.

## **Use Case Name: Manage Learning Materials**

- **Brief Description:**

The admin manages the archive of learning materials, adding, searching, and granting access to trainers.

- **Actors:** Admin

- **Preconditions:**

- The admin is logged in.

- **Basic Flow:**

The admin navigates to the learning materials section.

The system displays a list of available learning materials.

The admin can:

- Upload new materials (e.g., presentations, PDFs).
- Search for existing materials.
- Assign access to specific trainers.

The system updates the database accordingly.

**Alternate Flow:**

- If an identical file already exists in the system, the system prompts the admin to replace or update the existing material instead of uploading a new file.
- **Exception Flows:**
  - If a file upload fails, an error message appears.
  - If a material is already assigned to a trainer, the system prevents duplicate assignments.
- **Post Conditions:**
  - Learning materials are updated and accessible to the assigned trainers.

**Use Case: Manage System Security**

- **Name:** Manage System Security
- **Brief Description:**

The admin reviews and responds to security alerts for suspicious or unusual activities.
- **Actors:** Admin
- **Preconditions:**
  - The admin is logged in.
  - There are security alerts in the system.
- **Basic Flow:**

The admin accesses the security alerts section.

The system displays a list of recent security alerts.

The admin reviews the alert details.
- **Exception Flows:**

- If no alerts exist, the system displays a message.
- If alert details fail to load, an error message appears.
- **Post Conditions:**
  - The admin has reviewed and handled security alert

### **Use Case Name: Manage Student Registration Inquiries**

- **Brief Description:**  
The admin reviews and approves or rejects student registration requests submitted via the website form.
- **Actors:** Admin
- **Preconditions:**
  - The admin is logged in.
  - There are pending student registration requests.
- **Basic Flow:**  
The admin navigates to the registration request section.  
The system displays a list of pending student applications.  
The admin reviews each request and can:
  - Approve the request, add a student with his details to the list.
  - Reject the request with a reason.
 The system updates the student database and notifies the applicant.
- **Alternate Flow:**
  - If the request is not approved within a specified time, the system sends a reminder to the admin to process pending requests.
- **Exception Flows:**

- If no requests exist, the system displays a message.
  - If a request fails to process, an error message appears.
- **Post Conditions:**
  - The student registration requests are processed, and applicants are notified.