

Deliverable 2



Team Name: Mint

Project Name: UJ Sport Athlete Management & Booking System

Team Number: 26

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Updated Problem Statement, Proposed Solution & Use Cases

Problem Statement

The current athlete management system at UJ Sport is riddled with inefficiencies and limitations, impeding the organization's ability to effectively manage athlete-related activities and operational logistics. These challenges have manifested in these key areas:

1. Lack of Integration: The existing systems and manual methods employed by UJ Sport operate in silos, lacking integration and coherence. Data fragmentation and communication gaps hinder collaboration and decision-making processes. Coaches, athletes, and managers struggle to access and share critical information seamlessly, leading to disjointed workflows and missed opportunities for optimization.

2. Inefficient Communication: Informal communication channels, such as word of mouth and messaging platforms like WhatsApp, have become the primary means of disseminating information regarding training schedules, updates, and event notifications. However, these channels are prone to inconsistencies, resulting in missed updates, scheduling conflicts, and confusion among stakeholders. As a result, athletes may miss important sessions, coaches may overlook performance updates, and managers may struggle to coordinate logistics effectively.

3. Manual Booking Processes: Booking procedures for gym slots and sports buses are characterized by tedious manual processes, consuming valuable time and resources. Coaches and administrators must navigate through multiple channels and engage in time-consuming phone calls to secure bookings. This inefficiency not only impacts operational efficiency but also contributes to athlete dissatisfaction and frustration. Moreover, the lack of real-time availability updates and capacity management exacerbates scheduling conflicts and compromises the athlete experience.

4. Data Inaccuracy and Redundancy: The prevalence of manual data entry and disparate systems contributes to data inaccuracy and redundancy. Inconsistent data entry practices and the absence of centralized data management result in duplicate records, outdated information, and inaccuracies in athlete profiles, performance metrics, and scheduling details.

5. Limited Access to Critical Information: The lack of centralized access to critical information hampers decision-making and performance analysis. Coaches, athletes, and managers struggle to access comprehensive athlete profiles, performance trends, and scheduling updates, hindering their ability to make informed decisions and optimize training strategies.

6. Inefficient Injury Management: The absence of a dedicated injury management module complicates the process of tracking and managing athlete injuries. Coaches, athletes, and medical professionals lack a centralized platform to record injury

history, track rehabilitation progress, and communicate treatment plans, leading to delays in recovery and increased risk of re-injury.

7. Limited Coaching Support: Coaches lack comprehensive tools to provide personalized feedback, training plans, and performance evaluations to athletes. The absence of interactive coaching tools hampers the coaching process, hindering skill enhancement and technique refinement for athletes.

These challenges collectively undermine UJ Sport's ability to deliver optimal athlete performance, facilitate effective communication, and streamline operational workflows. The disjointed nature of existing systems and procedures results in suboptimal performance, missed opportunities for improvement, and overall dissatisfaction among athletes, coaches, and managers. Urgent intervention is required to address these issues and implement a comprehensive solution that integrates systems, enhances communication channels, and systemises booking processes to drive efficiency and improve the athlete experience.

Proposed Solution:

To address these challenges, we propose the implementation of the UJ Sport Athlete and Booking Management System. This system will provide a centralized platform for managing athlete-related activities and operational logistics, offering the following key features:

Comprehensive Athlete Profiles: Detailed profiles containing essential athlete information, demographics, medical history, and performance metrics.

Dynamic Scheduling and Calendar: Streamlined scheduling capabilities for managing training sessions, competitions, and personal appointments, integrated with external calendars and notification systems.

Performance metrics: Dedicated athlete performance tracking enabling monitoring of training progress and performance metrics.

Virtual Injury Management: Seamless communication between athletes, coaches, and medical professionals for tracking injuries.

Interactive Coaching and Feedback: Tools for personalized feedback, training plans, and performance evaluations.

Enhanced Team Management: Features for roster organization, communication, and collaboration, including group training schedules and coordination tools.

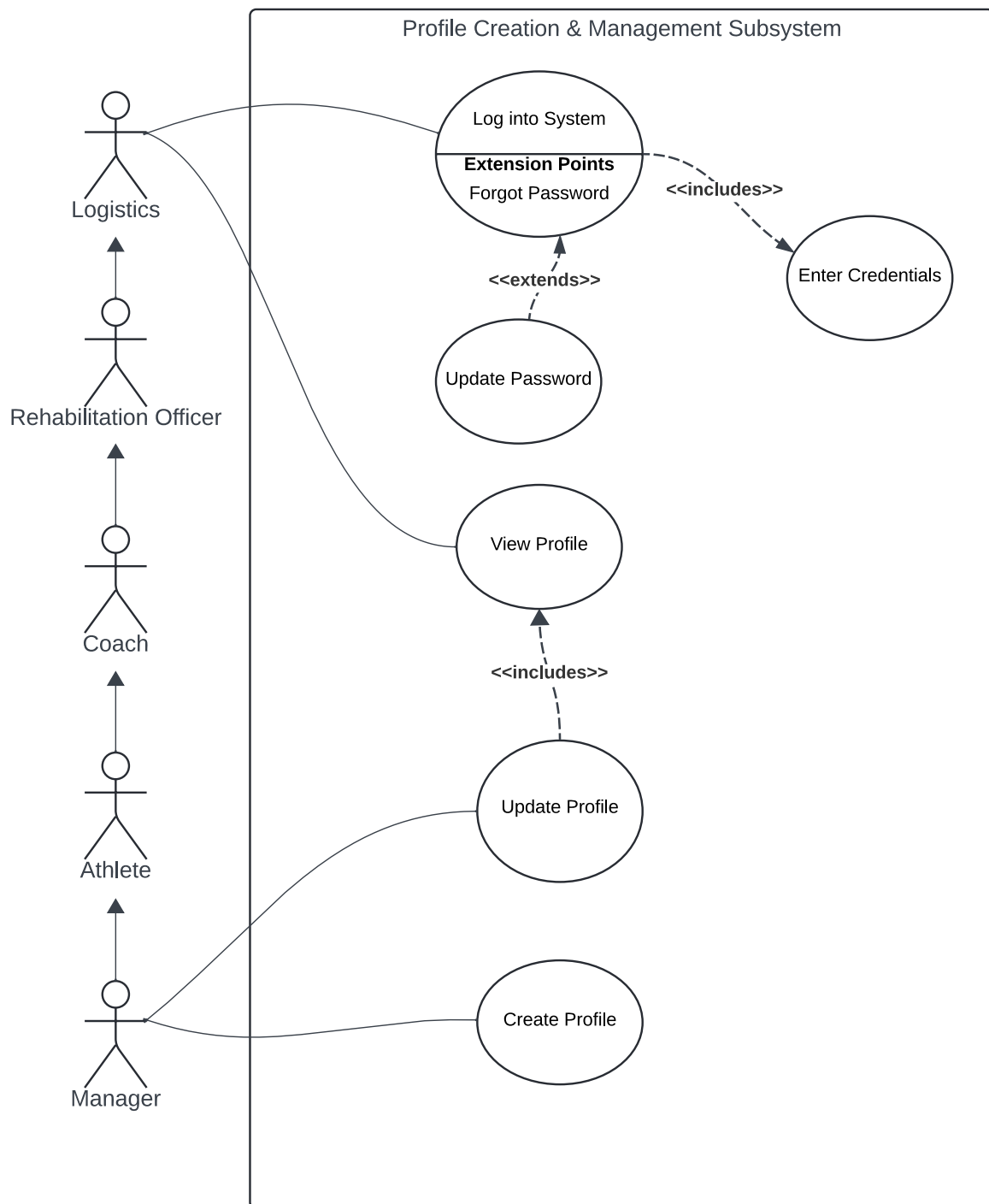
Robust Reporting and Analytics: Comprehensive reporting and analytics capabilities providing valuable insights into athlete performance, team dynamics, and strategic planning.

Additionally, the system will include efficient booking systems for gym slots and transportation, offering real-time availability updates and capacity management to optimize facility usage and streamline transportation logistics.

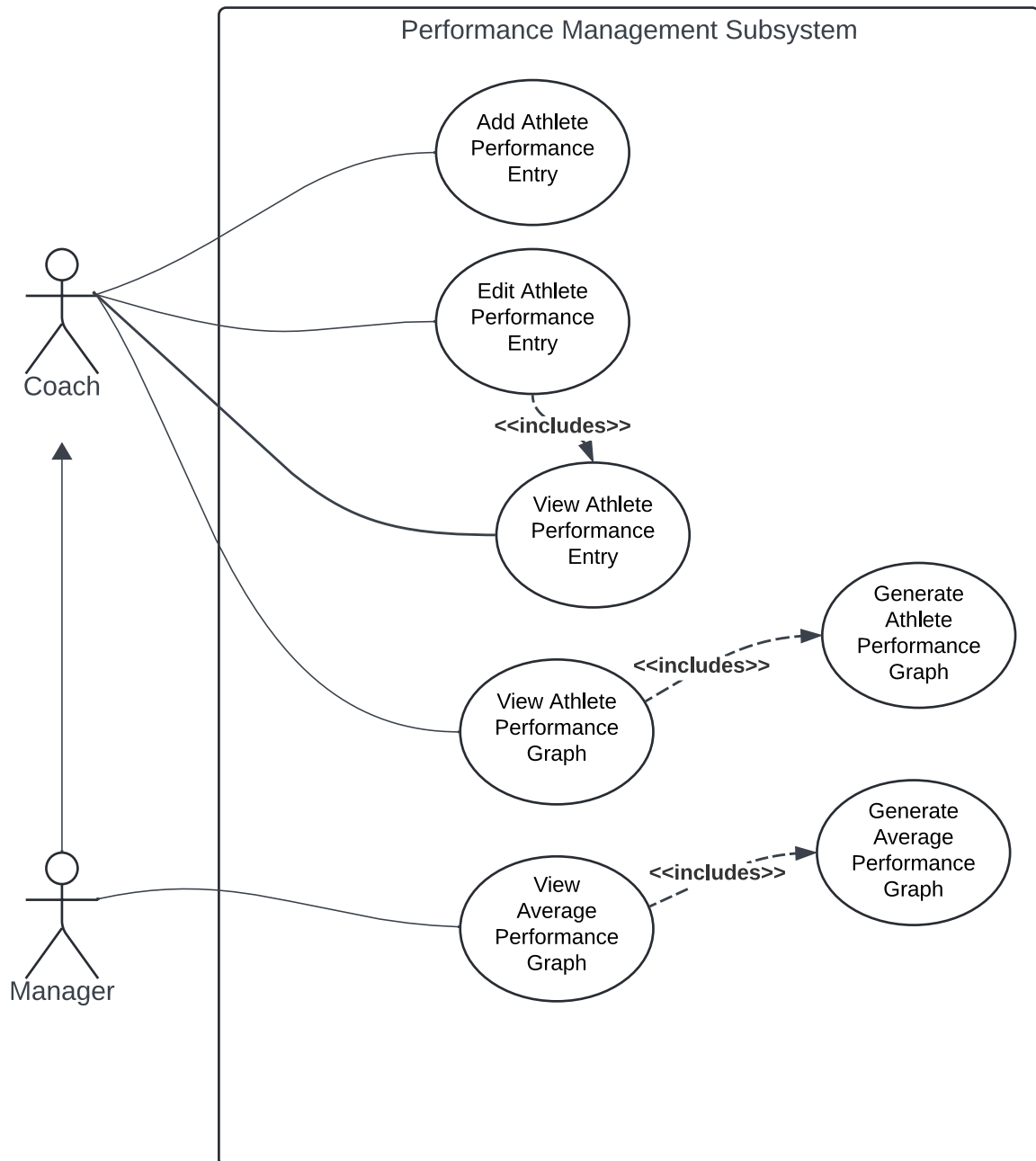
By implementing this solution, UJ Sport will significantly enhance its operations, athlete performance, and overall efficiency, empowering athletes and coaches to achieve new levels of success.

Use Cases

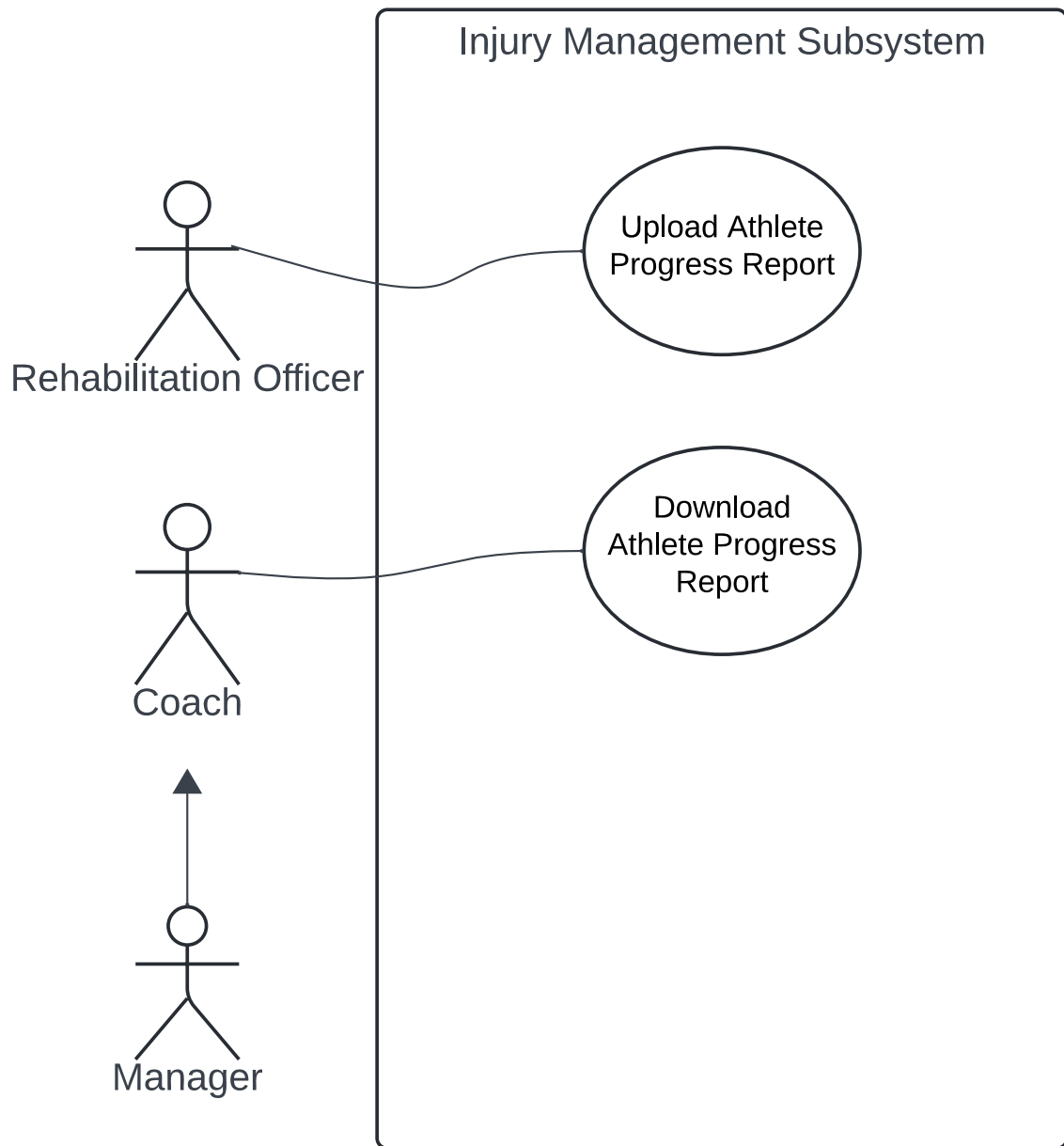
Profile Creation & Management Subsystem



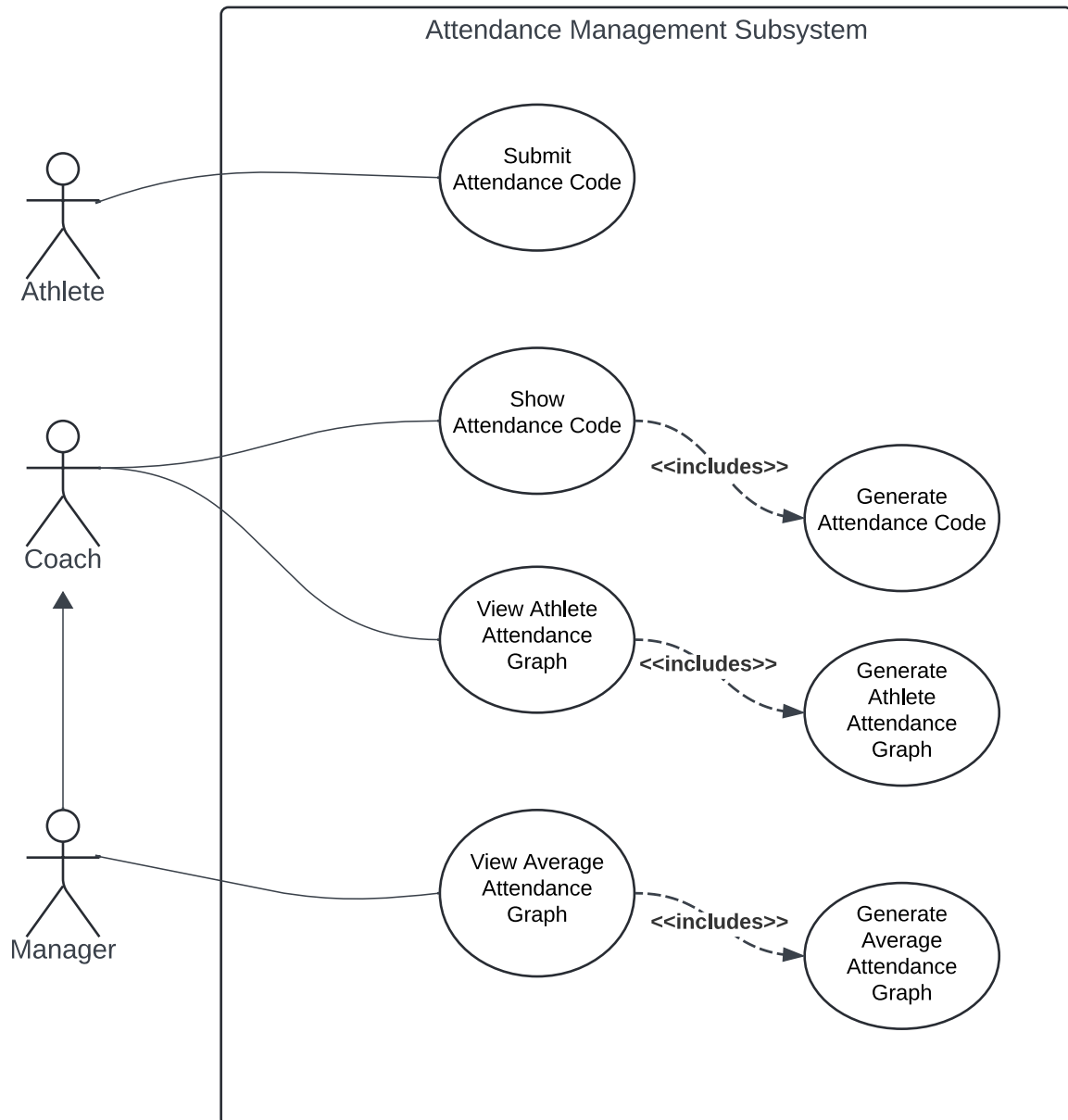
Performance Management, Reporting, and Analytics Subsystem



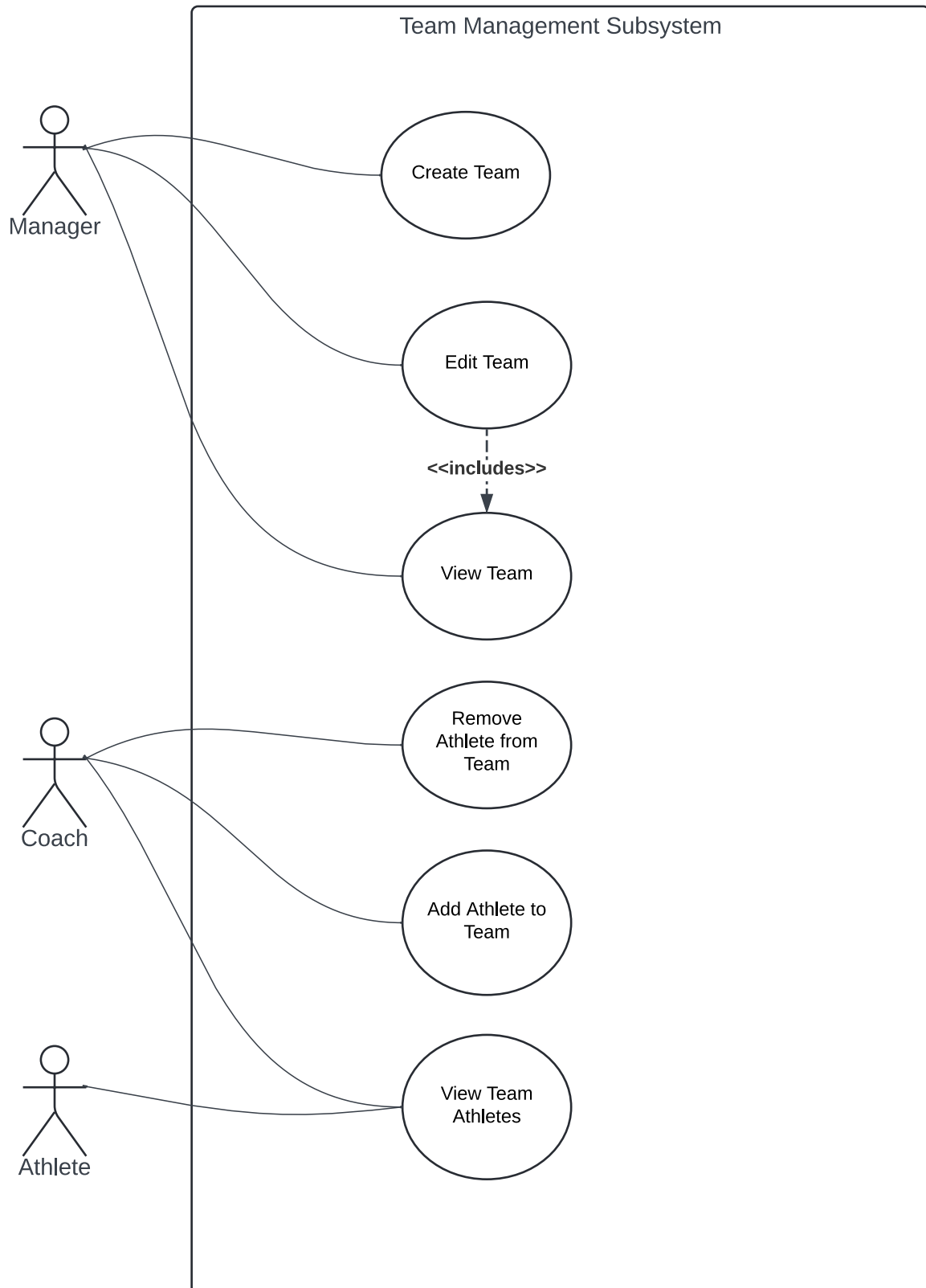
Injury Management Subsystem



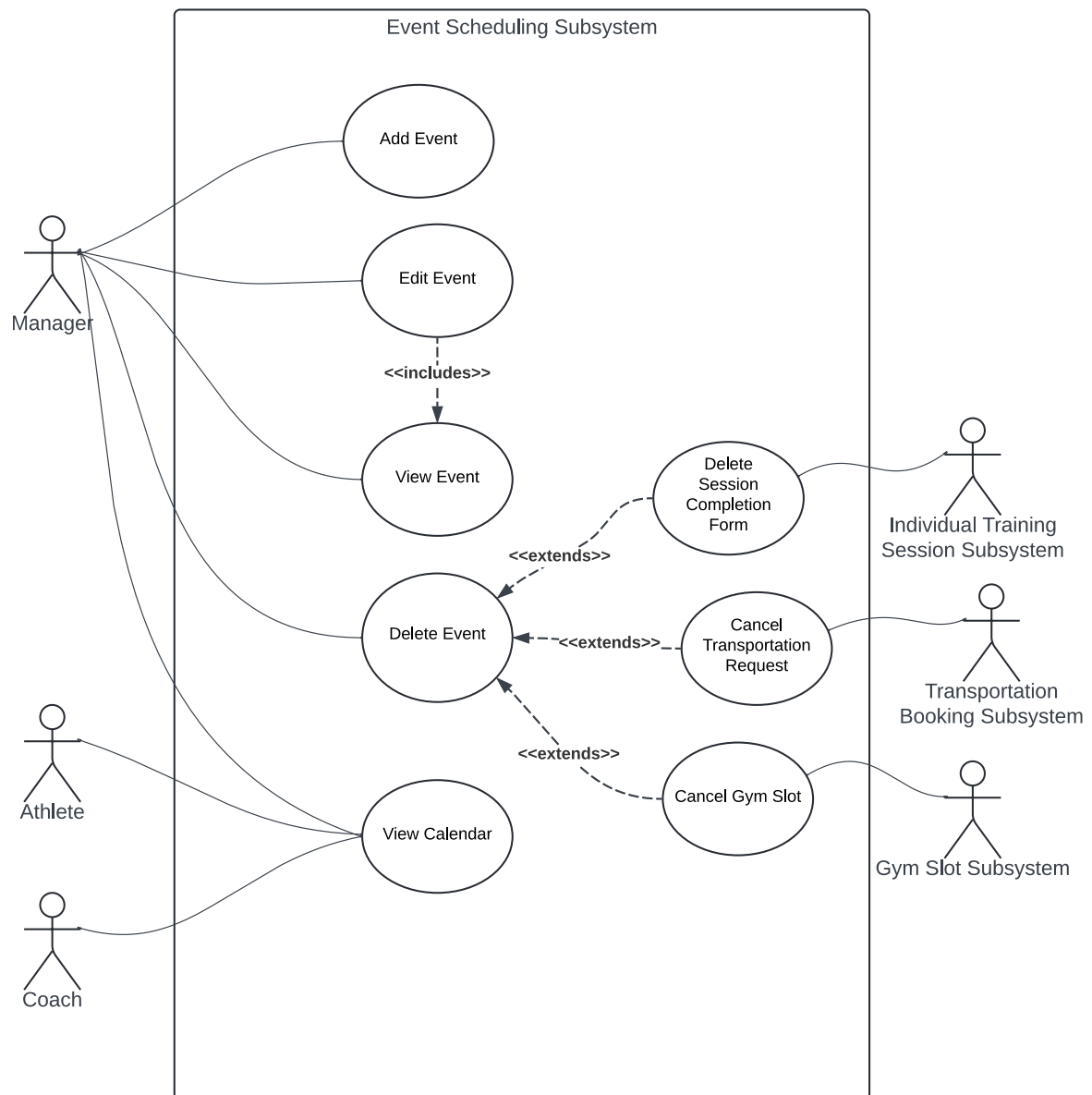
Attendance Management Subsystem



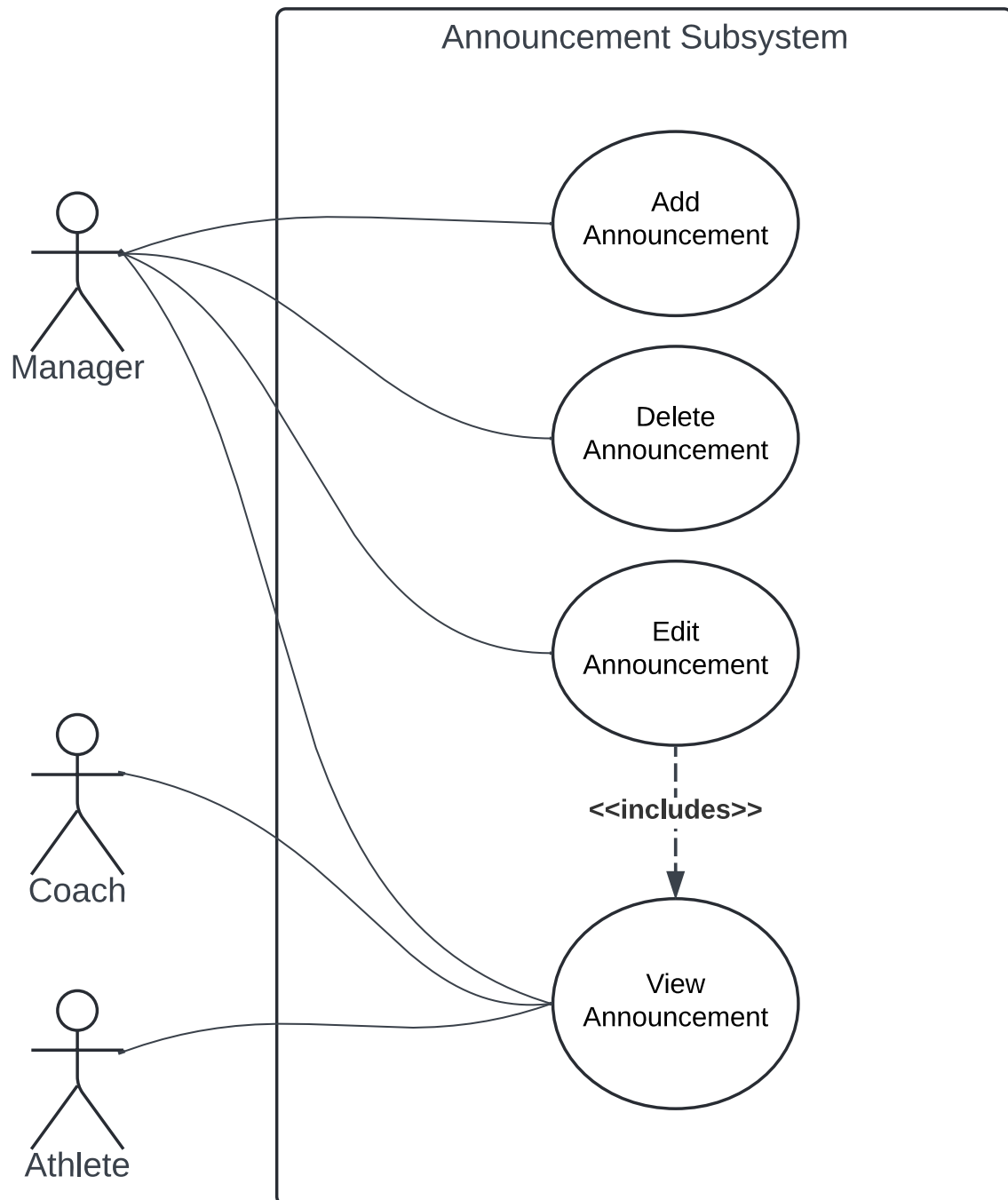
Team Management Subsystem



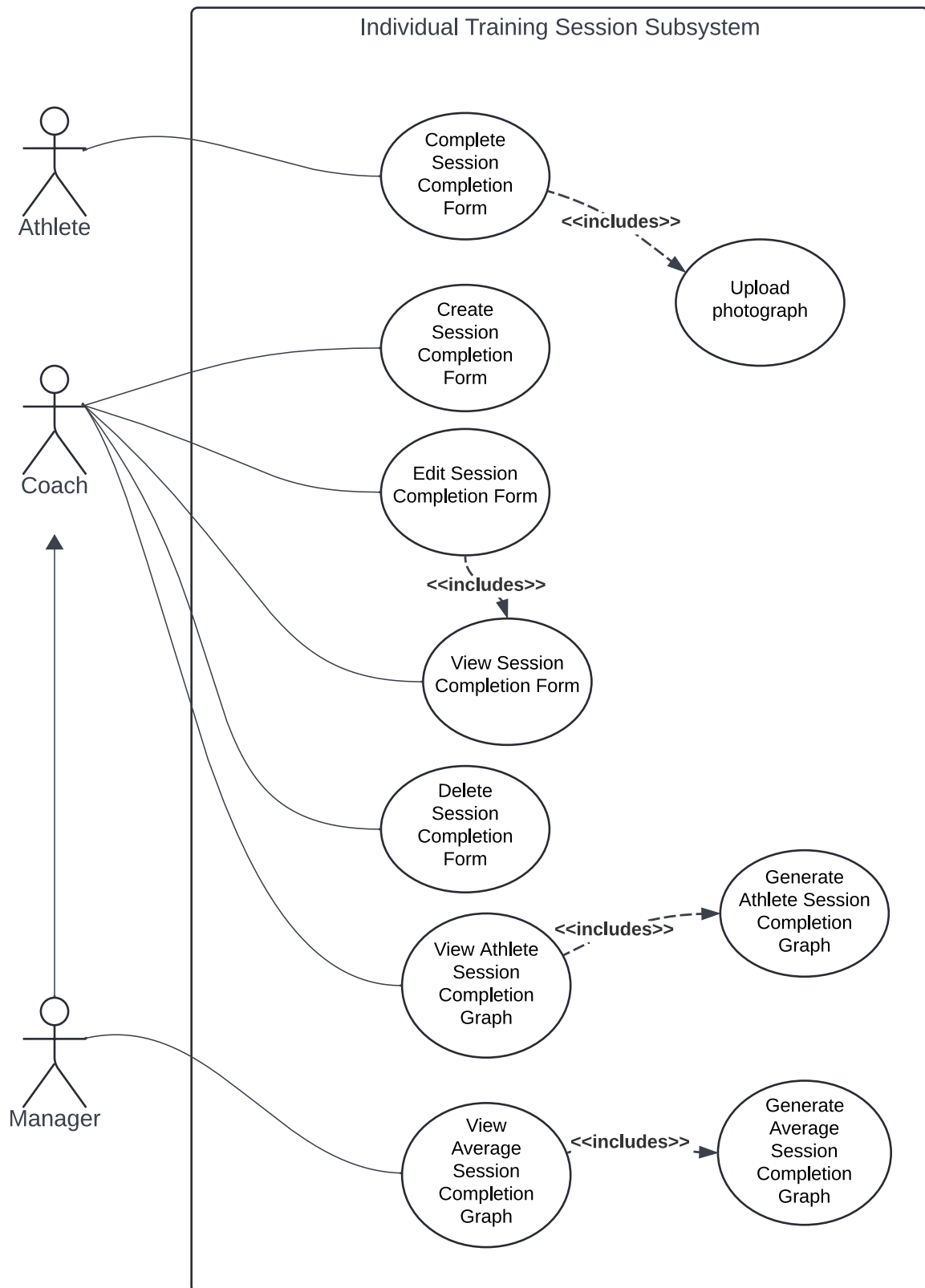
Event/Calendar Scheduling Subsystem



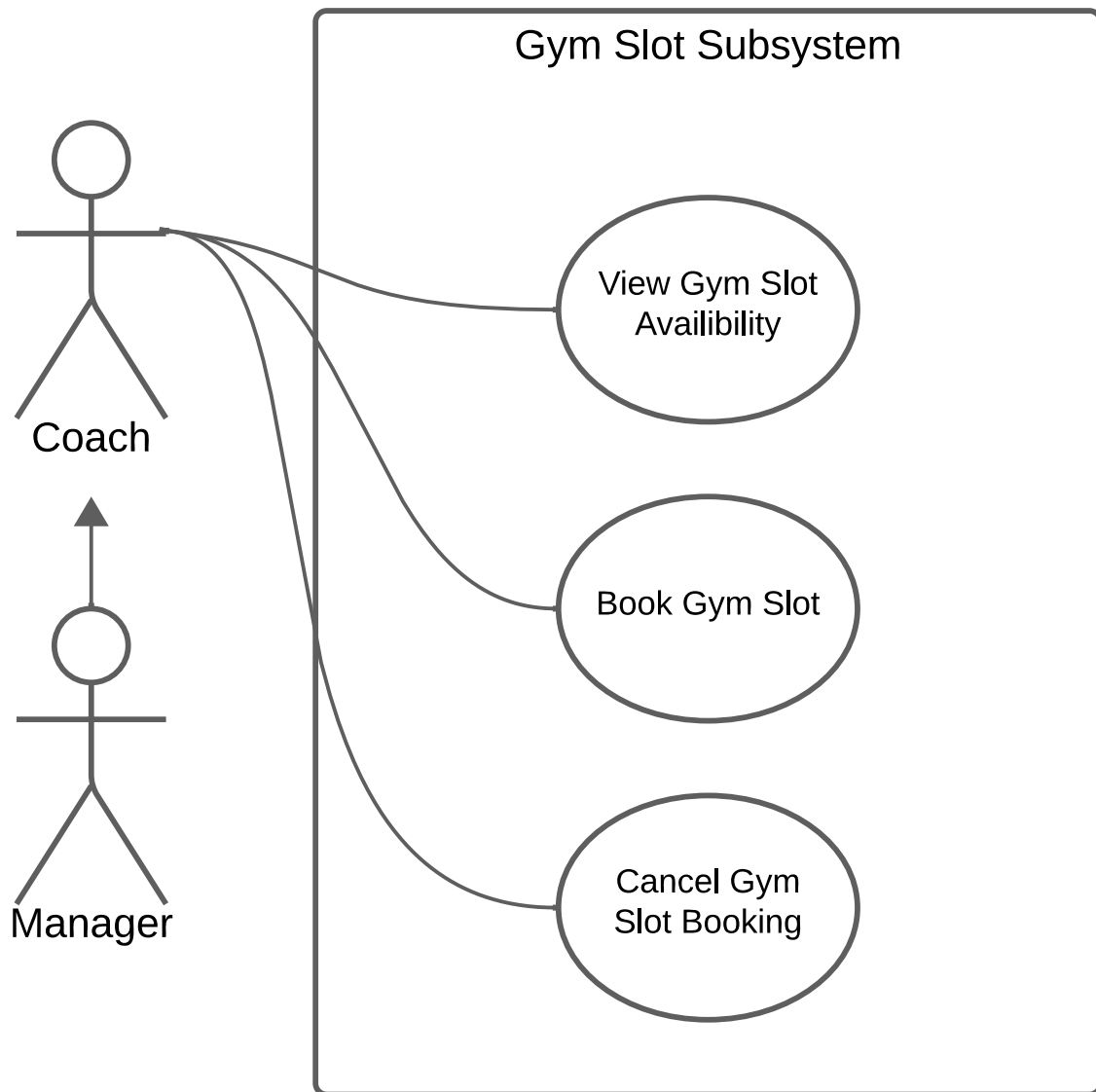
Announcements Subsystem



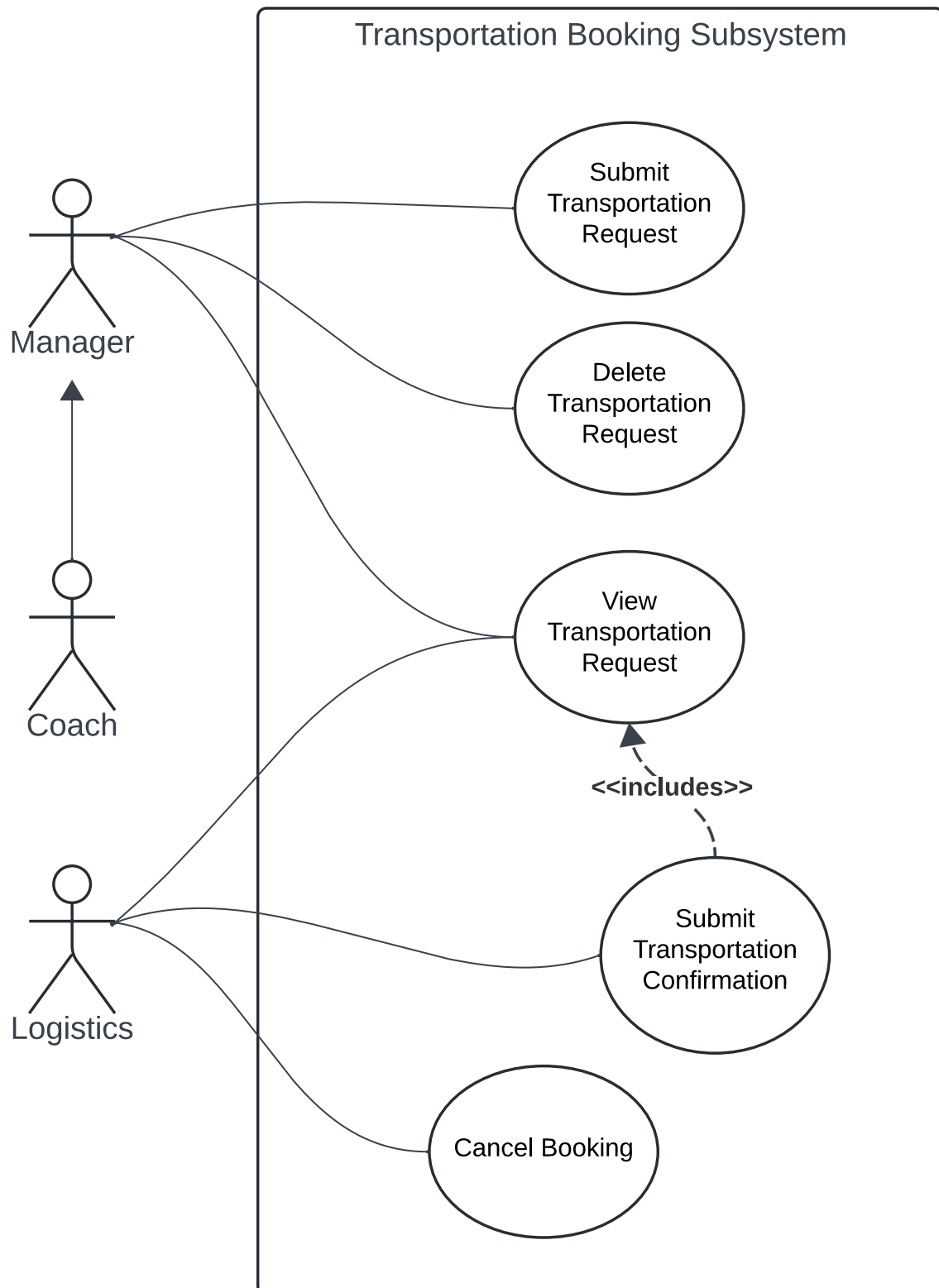
Individual Training Session Subsystem



Gym Slot Booking Subsystem



Transportation Booking Subsystem



Use Case Descriptions

Profile Creation and Management Subsystem

Use Case: Log into System

User references: Manager, Coach, Athlete, Rehabilitation Officer, and Logistics.

1. User enters email address and password, into provided fields.
2. User clicks on Login button.
3. System validates user credentials against stored user data.
4. User is redirected to the home page.

Extensions

3a. Wrong Credentials

1. System displays an error message to the user.
2. System prompts the user to re-enter credentials.
3. User returns to step 2.

1a. User Forgot Password

1. User clicks on 'forgot password' link.
2. User enters email address.
3. System validates email address.
4. System emails Password Reset link to the user.
5. User clicks on Password Reset link.
6. User enters a new password.
7. User clicks on the submit button.
8. User is redirected to the login page.

Use Case: View Profile

Preconditions: User logged in.

User references: Manager, Coach, Athlete, Rehabilitation Officer, and Logistics.

1. User clicks on Profile icon.
2. System displays the user's profile information.

Use Case: Update Profile

Preconditions: logged in as Manager.

User references: Coach, Athlete, Rehabilitation Officer, and Logistics.

1. Manager navigates to Profile Management page.
2. Manager selects a User.
3. Manager clicks on 'update user' button.
4. System displays the user's profile information.
5. Manager edits relevant fields of user information.

6. Manager clicks on 'submit changes' button.
7. System validates data formats for changes made.
8. System returns a success message.

Extensions

5a. Invalid Changes

1. System displays an error message to the manager.
2. System prompts the manager to re-enter information for the field where the error occurred.
3. Manager returns to step 5.

Use Case: Delete Profile

Preconditions: logged in as Manager.

1. Manager navigates to Profile Management page.
2. Manager clicks on 'add user' button.
3. Manager enters new user's information into relevant fields.
4. Manger clicks on 'create profile' button.
5. System validates data formats of information entered.
6. System returns success message.

Extensions

5a. Invalid data

1. System displays an error message to the manager.
2. System prompts the manager to re-enter information for the field(s) where the error occurred.
3. Manager returns to step 4.

Use Case: Create Profile

Preconditions: logged in as Manager.

7. Manager navigates to Profile Management page.
8. Manager clicks on 'add user' button.
9. Manager enters new user's information into relevant fields.
10. Manger clicks on 'create profile' button.
11. System validates data formats of information entered.
12. System returns success message.

Extensions

5a. Invalid data

4. System displays an error message to the manager.
5. System prompts the manager to re-enter information for the field(s) where the error occurred.

6. Manager returns to step 4.

Performance Management

Use Case: Add Athlete Performance Entry

Preconditions: logged in as Coach or Manager.

User references: Coach and Manager.

1. User navigates to the Performance Management page.
2. Manager selects sport.
3. System displays all Athlete belonging to a Coach's sport, or in the sport selected by the Manger.
4. User selects an Athlete.
5. System retrieves Athlete's Id.
6. User clicks on 'add performance entry' button.
7. User fills performance metrics fields for Athlete.
8. User clicks on 'submit' button.
9. System validates the data formats for data entered.
10. System adds Performance Entry for Athlete.
11. System returns success message.

Extensions

9a. Invalid data

1. System displays an error message to the User.
2. System prompts the User to re-enter information for the field(s) where the error occurred.
3. Manager returns to step 8.

Use Case: View Athlete Performance Entries

Preconditions: logged in as Coach or Manager.

User references: Coach and Manager.

1. User navigates to the Performance Management page.
2. Manager selects sport.
3. System displays all Athlete belonging to a Coach's sport, or in the sport selected by the Manger.
4. User selects an Athlete.
5. System retrieves Athlete's Id.
6. System displays all Athlete's Performance Entries.

Use Case: Edit Athlete Performance Entries

Preconditions: logged in as Coach or Manager.

User references: Coach and Manager.

1. User navigates to the Performance Management page.
2. Manager selects sport.
3. System displays all Athletes belonging to a Coach's sport, or in the sport selected by the Manager.
4. User selects an Athlete.
5. System retrieves Athlete's Id.
6. System displays Athlete's performance entries.
7. User selects performance entry.
8. User clicks on 'edit performance entry' button.
9. System displays performance entry data.
10. User edits relevant fields in performance entry.
11. User clicks on 'submit changes' button.
12. System validates data formats of the edited data.
13. System returns success message.

Extensions

12a. Invalid data

1. System displays an error message to the User.
2. System prompts the User to re-enter information for the field(s) where the error occurred.
3. Manager returns to step 11.

Use Case: View Performance Graph

Preconditions: logged in as Coach or Manager.

User references: Coach and Manager.

1. User navigates to the Performance Management page.
2. Manager selects sport.
3. System displays all Athletes belonging to a Coach's sport, or in the sport selected by the Manager.
4. User selects an Athlete.
5. System retrieves Athlete's Id.
6. User clicks on 'generate performance graph' button.
7. System generates performance graph from Athlete's performance entries.
8. System displays Athlete's performance graph to User.

Use Case: View Average Performance Graph

Preconditions: logged in as Manager.

1. Manager navigates to the Performance Management page.
2. Manager clicks on 'generate average performance graph' button.
3. System displays all Teams.
4. Manager selects Team.

5. Manager clicks on 'generate graph' button.
6. System generates the average performance graph for the team.
7. System displays Team's average performance graph to the Manager.

Team Management Subsystem

Use Case: Create Team

Preconditions: logged in as Manager.

1. Manager navigates to Team Management page.
2. Manager clicks on 'add team' button.
3. Manager enters Team information into relevant fields.
4. Manager clicks on 'create team' button.
5. System validates the data formats of the information entered.
6. System returns success message.

Extensions

5a. Invalid data

1. System displays an error message to the Manager.
2. System prompts the Manager to re-enter information for the field(s) where the error occurred.
3. Manager returns to step 4.

Use Case: Edit Team

Preconditions: logged in as Manager.

1. Manager navigates to Team Management page.
2. System displays Teams.
3. Manager selects Team.
4. System displays Team details.
5. Manager changes relevant Team fields.
6. Manager clicks on 'save changes' button.
7. System checks data formats.
8. System returns success message.

Extensions

9a. Invalid data

1. System displays an error message to the Manager.
2. System prompts the Manager to re-enter information for the field(s) where the error occurred.
3. Manager returns to step 8.

Use Case: View Team

Preconditions: logged in as Manager.

1. Manager navigates to Team Management page.
2. System displays Teams.
3. Manager clicks on Team.
4. System displays Team information to Manager.

Use Case: Add Athlete to Team

Preconditions: logged in as Coach.

1. Coach navigates to Team Management page.
2. System displays all the Coach's Teams.
3. Coach selects a Team.
4. Coach clicks on 'add Athlete to team' button.
5. System displays all Athletes.
6. Coach selects Athlete.
7. Coach clicks on 'add to team' button.
8. System verifies that Athlete has no pre-existing team.
9. System adds Athlete to Team.
10. System displays success message.

Extensions

8a. Athlete already has a Team.

1. System displays error message to Coach.
2. System prompts Coach to select a different Athlete.
3. Coach returns to step 7.

Use Case: Remove Athlete from Team

Preconditions: logged in as Coach.

1. Coach navigates to Team Management page.
2. System displays all the Coach's Teams.
3. Coach selects a Team.
4. Coach clicks on 'delete athlete from team' button.
5. System displays all Athletes in the Team.
6. Coach selects Athlete.
7. Coach clicks on 'delete from team' button.
8. System deletes Athlete from Team.
9. System displays success message.

Use Case: View Team Athletes

Preconditions: logged in as Coach or Athlete.

User references: Coach and Athlete.

1. User navigates to Team Management page.
2. System displays all the Coach's Teams to a Coach.
3. System displays Athlete's Team to Athlete.

4. User selects Team.
5. User clicks on 'view team athletes' button.
6. System displays all Athletes in Team.

Individual Training Session Subsystem

Use Case: Complete Session Completion Form

Preconditions: logged in as Athlete.

1. Athlete navigates to Individual Training Session page.
2. System displays all of the Athlete's Session Completion Form links.
3. Athlete selects Session Completion Form link.
4. Athlete fills in all relevant fields.
5. Athlete uploads a photograph.
6. Athlete clicks on 'submit' button.
7. System checks that all fields are filled.
8. System adds Athlete Individual Session entry.
9. System returns a successful submission message.

Extensions

7a. Incomplete Field

1. System displays error message for incomplete fields.
2. System prompts Athlete to enter data into empty fields.
3. Athlete returns to step 6.

7b. No photograph

1. System displays error message for missing photograph.
2. System prompts Athlete upload a photograph.
3. Athlete returns to step 6.

Use Case: Create Session Completion Form

Preconditions: logged in as Coach or Manager.

User references: Coach and Manager.

1. User navigates to the Individual Training Session page.
2. User clicks on 'create new form' button.
3. User enters information into relevant fields.
4. User clicks on 'create form'.
5. System validates data formats of all inputted information.
6. System adds Session Completion Form.
7. System returns success message to User.

Extensions

5a. Invalid data

1. System displays an error message to the User.
2. System prompts the User to re-enter information for the field(s) where the error occurred.
3. Manager returns to step 4.

Use Case: View Session Completion Form

Preconditions: logged in as Coach or Manager.

User references: Coach and Manager.

1. User navigates to the Individual Training Session page.
2. System displays all Session Completion Forms created by the Coach.
3. System displays all Session Completion Forms to a Manager.
4. User selects Session Completion Form.
5. System displays Session Completion Form information.

Use Case: Edit Session Completion Form

Preconditions: logged in as Coach or Manager.

User references: Coach and Manager.

1. User navigates to the Individual Training Session page.
2. System displays all Session Completion Forms created by the Coach.
3. System displays all Session Completion Forms to a Manager.
4. User selects Session Completion Form.
5. System displays Session Completion Form information.
6. User changes relevant fields in Session Completion Form.
7. User clicks on 'submit changes' button.
8. System validates data format of changed information.
9. System captures changes.
10. System returns success message.

Extensions

8a. Invalid data

1. System displays an error message to the User.
2. System prompts the User to re-enter information for the field(s) where the error occurred.
3. Manager returns to step 7.

Use Case: Delete Session Completion Form

Preconditions: logged in as Coach or Manager.

User references: Coach and Manager

1. User navigates to the Individual Training Session page.
2. System displays all Session Completion Forms created by the Coach.
3. System displays all Session Completion Forms to a Manager.

4. User selects Session Completion Form.
5. User clicks on 'delete form' button.
6. System checks for dependencies.
7. System deletes Session Completion Form.
8. System returns success message.

Extensions

6a. Dependencies found.

1. System displays error message of dependencies to Manager.
2. System tells User to resolve dependencies.

Use Case: View Athlete Session Completion Graph

Preconditions: logged in as Coach or Manager.

User references: Coach and Manager

1. User navigates to the Individual Training Session page.
2. User clicks on 'generate session completion graph' button.
3. System displays all Athletes belonging to User's sport.
4. User selects an Athlete.
5. System retrieves Athlete's Id.
6. User clicks on 'generate graph' button.
7. System generates Session Completion graph for Athlete.
8. System displays Athlete's Session Completion graph to User.

Use Case: View Average Session Completion Graph

Preconditions: logged in as Manager.

1. Manager navigates to Individual Training Session page.
2. Manager clicks on 'generate average session completion graph' button.
3. System displays all Teams.
4. Manager selects Team.
5. Manager clicks on 'generate graph' button.
6. System generates the average session completion graph for the team.
7. System displays Team's average performance graph to the Manager.

Attendance Management Subsystem

Use Case: Submit Attendance Code

Preconditions: logged in as Athlete.

1. Athlete navigates to Attendance page.
2. Athlete enters attendance code.
3. System validates attendance code.

4. System adds Athlete's attendance entry.
5. System displays successful capture message.

Extensions

3a. Invalid attendance code

1. System displays error message.
2. System prompts Athlete to re-enter attendance code.
3. Athlete returns to step 2.

Use Case: Show Attendance Code

Preconditions: logged in as Coach or Manager.

User references: Coach and Manager

1. User navigates to Attendance page.
2. User clicks on 'generate attendance code' button.
3. System displays all training sessions.
4. User selects a training session.
5. System generates attendance code for the training session.
6. System displays attendance code.
7. System adds attendance code record.
8. User shows attendance code to Athletes.

Use Case: View Athlete Attendance Graph

Preconditions: logged in as Coach or Manager.

User references: Coach and Manager.

1. User navigates to Attendance page.
2. User clicks on 'generate attendance graph' button.
3. System displays all Athletes belonging to User's sport.
4. User selects an Athlete.
5. System retrieves Athlete's Id.
6. User clicks on 'generate graph' button.
7. System generates Attendance Completion graph for Athlete.
8. System displays Athlete's Attendance graph to User.

Use Case: View Average Attendance Graph

Preconditions: logged in as Manager

1. Manager navigates to Attendance page.
2. Manager clicks on 'generate average attendance graph' button.
3. System displays all Teams.
4. Manager selects Team.
5. Manager clicks on 'generate graph' button.
6. System generates the average attendance graph for the team.

7. System displays Team's average attendance graph to the Manager.

Event Scheduling Subsystem

Use Case: Add Event

Preconditions: logged in as Manager.

1. Manager navigates to Event Scheduling page.
2. Manager clicks on 'add new event' button.
3. Manager fills fields relating to the event.
4. Manager clicks on 'add event' button.
5. System validates data entered.
6. System adds event record.
7. System adds event to calendar.
8. System returns success message.

Extensions

5a. Invalid data format

1. System displays error message to Manager.
2. System prompts Manager to re-enter information for the field(s) where the error occurred.
3. Manager returns to step 4.

5b. Event clashes

1. System displays error message to Manager of clash with another event.
2. System prompts Manager to re-enter event dates.
3. Manager returns to step 4.

Use Case: View Event

Preconditions: logged in as Manager.

1. Manager navigates to Event Scheduling page.
2. System displays all events to Manager.
3. Manager selects event.
4. System displays event's details to Manager.

Use Case: Edit Event

Preconditions: logged in as Manager.

1. Manager navigates to Event Scheduling page.
2. System displays all events to Manager.
3. Manager selects event.
4. System displays event's details to Manager.
5. Manager edits relevant fields.
6. Manager clicks on 'submit changes' button.
7. System validates data changed.

8. System returns success message.

Extensions

7a. Invalid data format

4. System displays error message to Manager.
5. System prompts Manager to re-enter information for the field(s) where the error occurred.
6. Manager returns to step 5.

7b. Event clashes

4. System displays error message to Manager of clash with another event.
5. System prompts Manager to re-enter event dates.
6. Manager returns to step 5.

Use Case: Delete Event

Preconditions: logged in as Manager.

1. Manager navigates to Event Scheduling page.
2. System displays all events to Manager.
3. Manager selects event.
4. System displays event details.
5. Manager clicks on 'delete event' button.
6. System returns success message.

Use Case: View Calendar

Preconditions: logged in.

User references: Manager, Athlete, and Coach.

1. User navigates to Event Scheduling page.
2. System displays events in calendar interface.

Announcement Subsystem

Use Case: Add Announcement

Preconditions: logged in as Manager.

1. Manager navigates to Announcements page.
2. Manager clicks on 'create new announcement' button.
3. Manager enters Announcement information into relevant fields.
4. Manager clicks on 'add announcement' button.
5. System validates announcement data entered.
6. System adds announcement.
7. System displays success message.

Extensions

5a. Invalid data formats

1. System displays error message to Manager.
2. System prompts Manager to re-enter information for the field(s) where the error occurred.
3. Manager returns to step 4.

Use Case: Delete Announcement

Preconditions: logged in as Manager.

1. Manager navigates to Announcements page.
2. System displays all announcements to Manager.
3. Manager selects an announcement.
4. Manager clicks on 'delete announcement' button.
5. System deletes announcement.
6. System returns success message.

Use Case: View Announcement

Preconditions: logged in as Manager, Coach, or Athlete.

User references: Manager, Coach, and Athlete.

1. User navigates to Announcements page.
2. System displays all announcements to a manager.
3. System displays announcements for a Coach's or Athlete's team.
4. User selects an announcement.
5. System displays announcement details to User.

Use Case: Edit Announcement

Preconditions: logged in as Manager.

1. Manager navigates to Announcements page.
2. System displays all announcements to a manager.
3. Manager selects an announcement.
4. System displays announcement details to Manager.
5. Manager changes information in relevant fields.
6. Manager clicks on 'submit changes' button.
7. System validates data in changed fields.
8. System returns success message.

Extensions

7a. Invalid Changes

1. System displays an error message to the Manager.
2. System prompts the Manager to re-enter information for the field where the error occurred.

3. Manager returns to step 6.

Injury Management Subsystem

Use Case: Upload Athlete Progress Report

Preconditions: logged in as Rehabilitation Officer.

1. Rehabilitation Officer navigates to Injury Management page.
2. System displays all Athletes to Rehabilitation Officer.
3. Rehabilitation Officer selects Athlete.
4. System retrieves Athlete's Id.
5. Rehabilitation Officer clicks on 'upload progress report' button.
6. Rehabilitation Officer selects Progress Report from their file explorer.
7. Rehabilitation Officer clicks on 'upload' button.
8. System creates new Progress Report entry.
9. System stores Progress Report at entry.
10. System returns success message.

Extensions

8a. Invalid file type.

1. System displays error message to Rehabilitation Officer.
2. System prompts Rehabilitation Officer to select a different file.
3. Rehabilitation Office returns to step 5.

Use Case: Download Athlete Progress Report

Preconditions: logged in as Coach or Manager.

User references: Manager and Coach.

1. User navigates to Injury Management page.
2. System displays all Athletes in a Manager's sporting code, to a manager.
3. System displays all Athletes in a Coach's Team.
4. User selects Athlete.
5. System displays Athlete's Progress Reports.
6. User selects Progress Report.
7. User clicks on 'download progress report' button.
8. System downloads progress report.
9. System returns success message.

Gym Slot Booking Subsystem

Use Case: View Gym Slot Availability

Preconditions: logged in as Coach or Manager.

User references: Manager and Coach.

1. User navigates to Book Gym Slot page.

2. User clicks on 'view gym slots' button.
3. System displays all gym slots for the week on Gym Slot interface.

Use Case: Book Gym Slot

Preconditions: logged in as Coach or Manager.

User references: Manager and Coach.

1. User navigates to Book Gym Slot page.
2. User clicks on 'book gym slot' button.
3. User enters Gym Slot information into relevant fields.
4. System validates data entered for Gym Slot.
5. System adds Gym Slot.
6. System returns success message.

Extensions

4a. Invalid data

1. System displays an error message to the User.
2. System prompts the User to re-enter information for the fields where the error occurred.
3. User returns to step 3.

4b. Gym slot clash

1. System displays an error message to the User.
2. System prompts the User to re-enter information for the field where the error occurred.
3. User returns to step 3.

Use Case: Cancel Gym Slot Booking

Preconditions: logged in as Coach or Manager.

User references: Manager and Coach.

1. User navigates to Book Gym Slot page.
2. System displays all Gym Slots to a Manager, for the Manager's sport.
3. System displays all Gym Slots booked by the Coach.
4. User selects Gym Slot entry.
5. User clicks on 'delete gym slot' button.
6. System deletes Gym Slot entry.
7. System returns success message.

Transportation Booking Subsystem

Use Case: Submit Transportation Request

Preconditions: logged in as Coach or Manager.

User references: Manager and Coach.

1. User navigates to Transportation Booking page.
2. User clicks on 'submit transportation request' button.
3. User enters Transportation Request information into relevant fields.
4. System validates Transportation Request data formats.
5. System adds Transportation Request.
6. System returns success message.

Extensions

4a. Invalid data

1. System displays an error message to the User.
2. System prompts the User to re-enter information for the field where the error occurred.
3. Manager returns to step 3.

Use Case: View Transportation Request

Preconditions: logged in as Coach, Logistics or Manager.

User references: Manager, Logistics and Coach.

1. User navigates to Transportation Booking page.
2. System displays all Transportation Requests to a Manager and Logistics.
3. System displays all Transportation Requests made by the Coach, to the Coach.
4. User selects Transportation Request.
5. System displays Transportation Request information.

Use Case: Delete Transportation Request

Preconditions: logged in as Coach or Manager.

User references: Manager and Coach.

1. User navigates to Transportation Booking page.
2. System displays all Transportation Requests to a Manager.
3. System displays all Transportation Requests made by the Coach, to the Coach.
4. User selects Transportation Request.
5. User clicks on 'delete transportation request' button.
6. System checks confirmation status and date of Transportation Request.

7. System deletes the Transportation Request.
8. System returns success message.

Extensions

- 6a. Transportation Request date has not passed, and confirmation status is true
1. System displays error message to User.
 2. System tells user to contact Logistics.

Use Case: Cancel Booking

Preconditions: logged in as Logistics.

1. Logistics navigates to Transportation Booking page.
2. System displays all Transportation Requests to a Logistics.
3. Logistics selects Transportation Request.
4. Logistics clicks on 'delete transportation request' button.
5. System deletes the Transportation Request.
6. System returns success message.

Use Case: Submit Transportation Confirmation

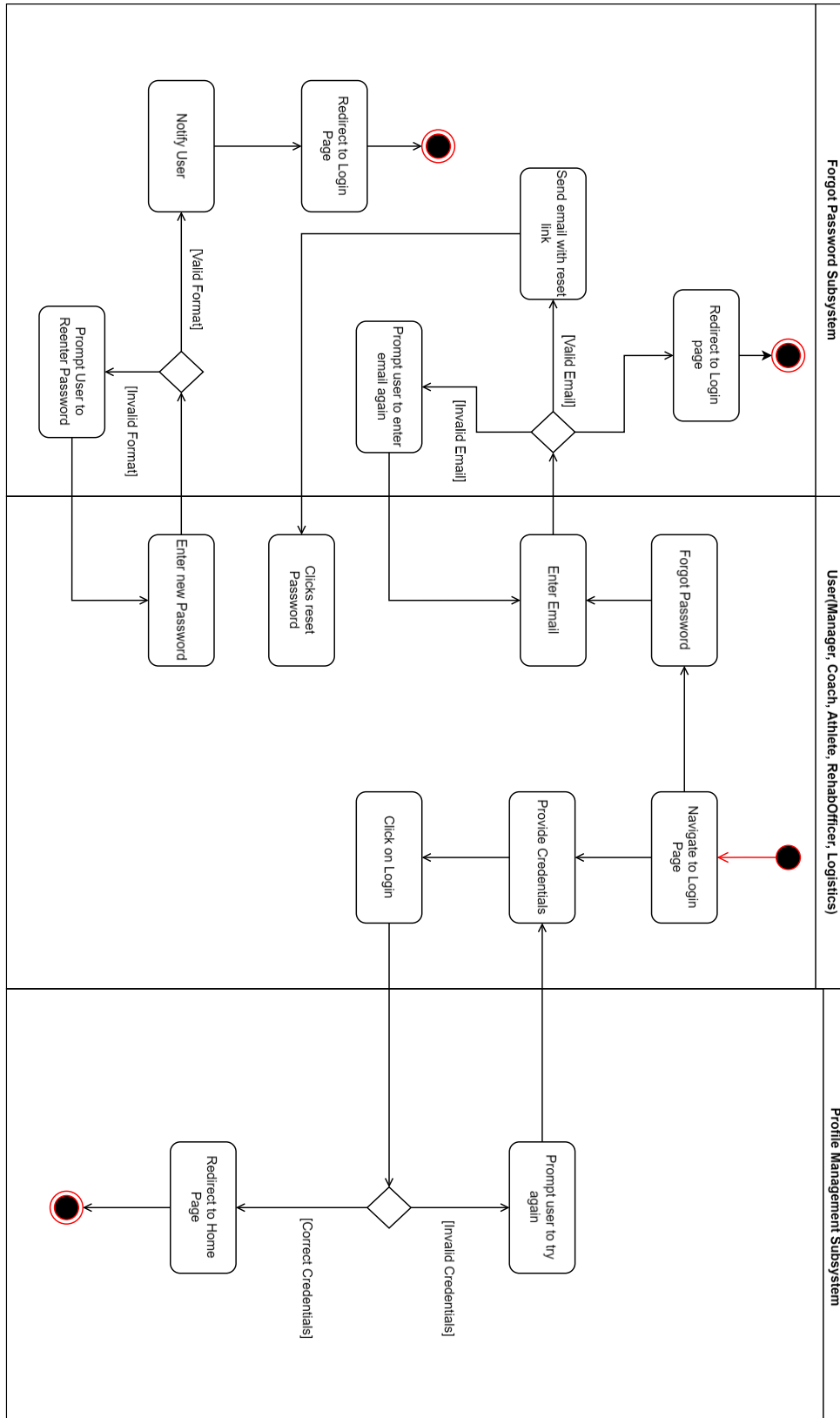
Preconditions: logged in as Logistics.

1. Logistics navigates to Transportation Booking page.
2. System displays all Transportation Requests to Logistics.
3. Logistics selects Transportation Request.
4. System displays Transportation Request information.
5. Logistics specifies Transportation Request's confirmation status.
6. Logistics clicks on 'submit' button.
7. System updates Transportation Request.

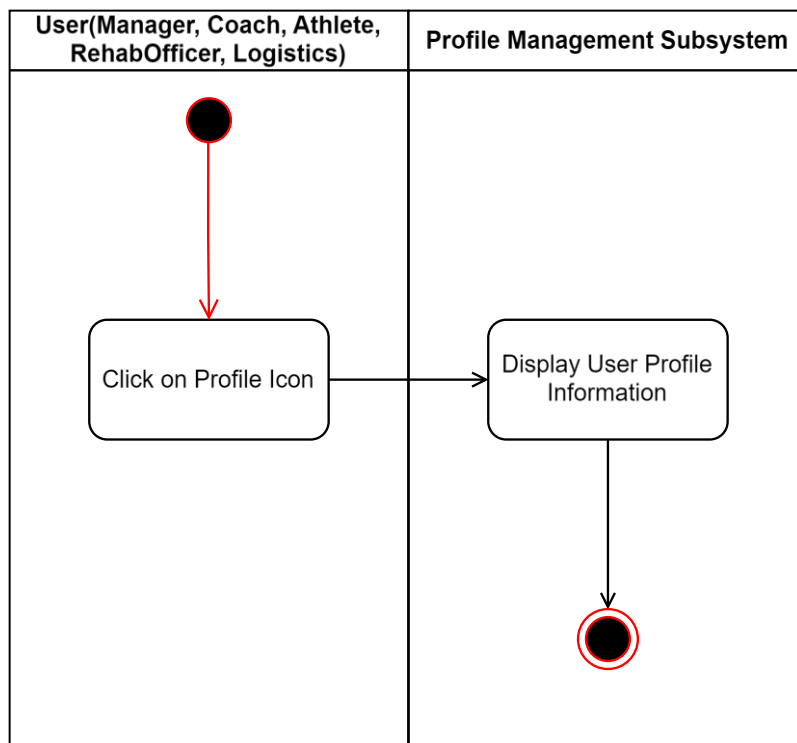
Activity Diagrams

Profile Creation and Management Subsystem

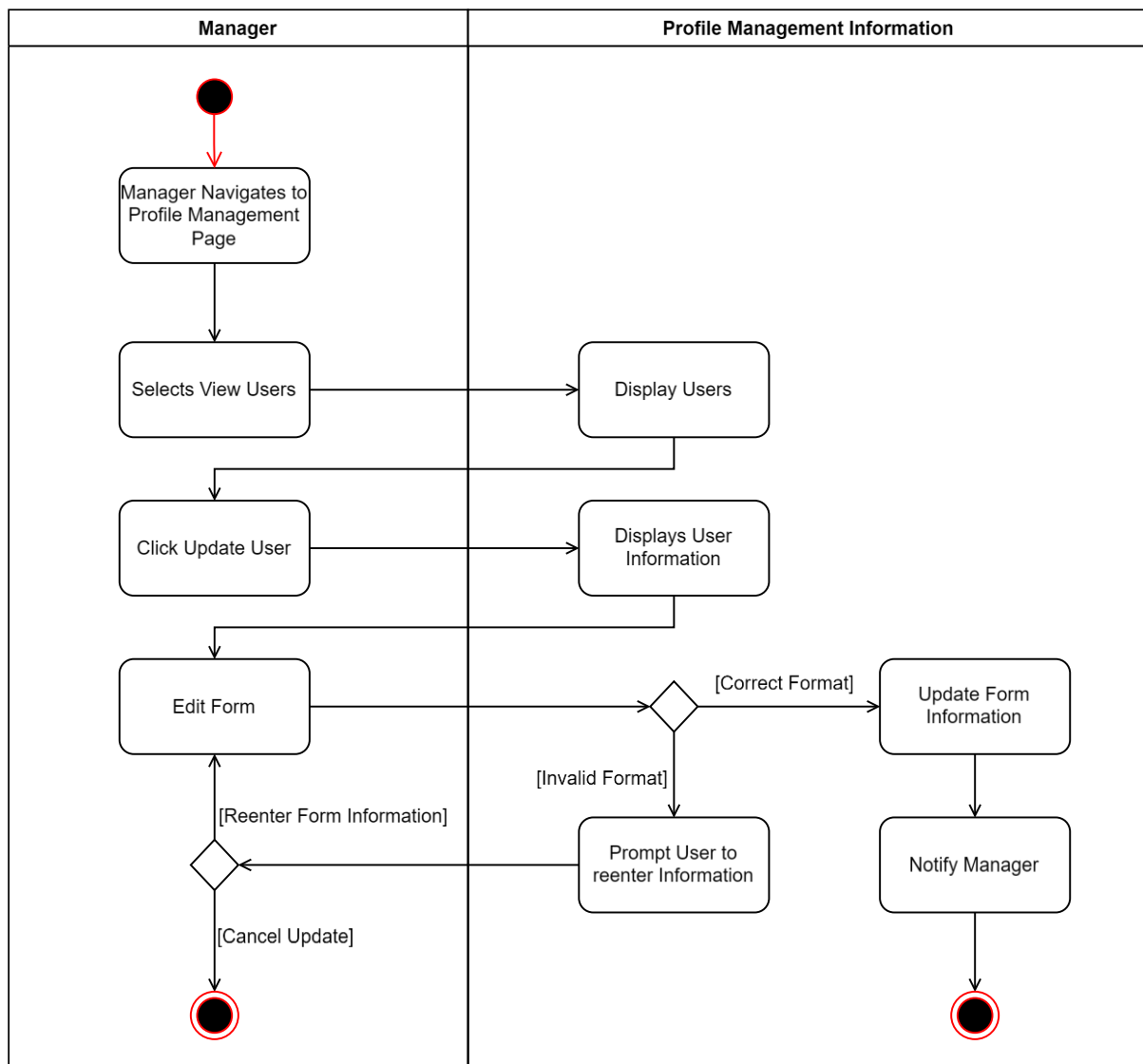
Use Case: Log into System



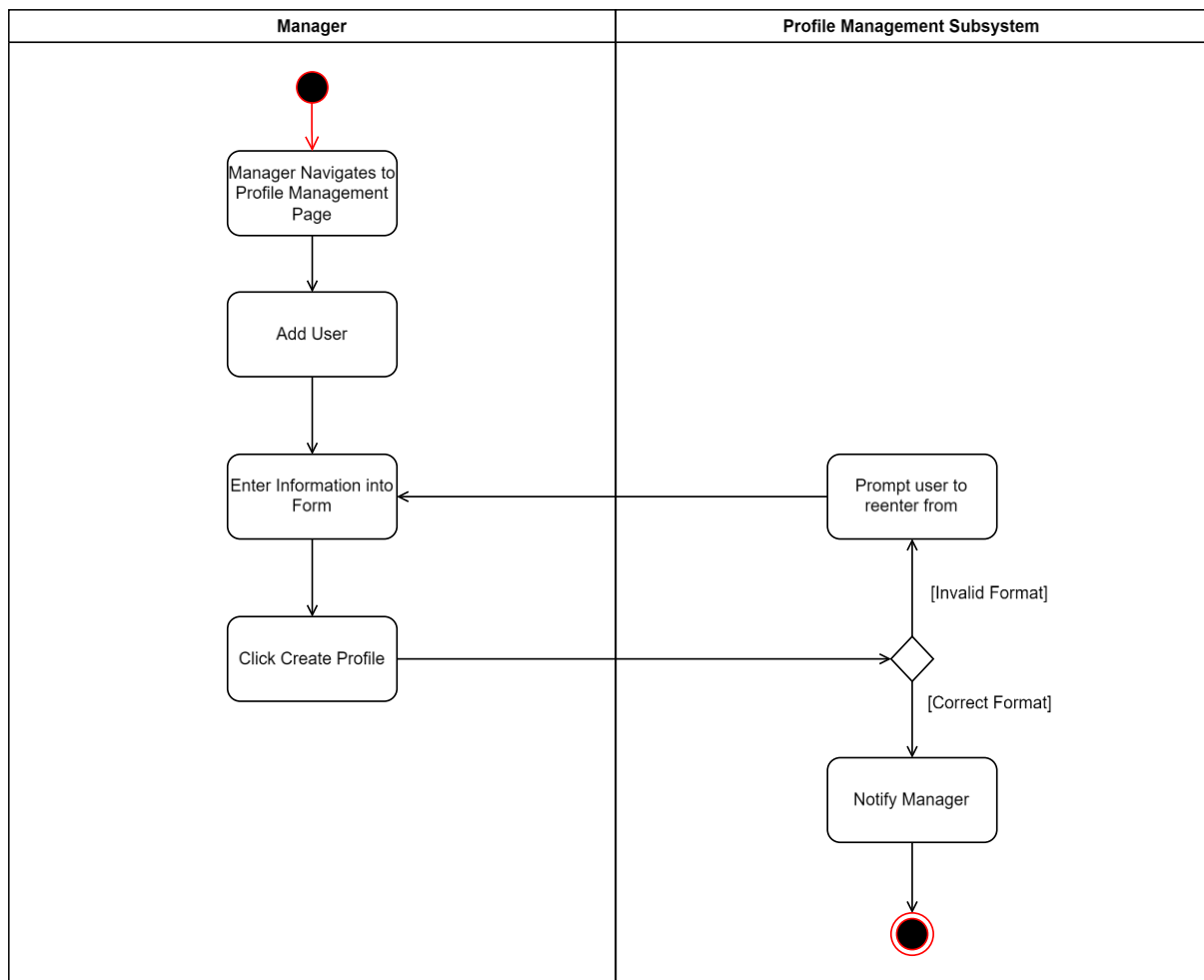
Use Case: View Profile



Use Case: Update Profile

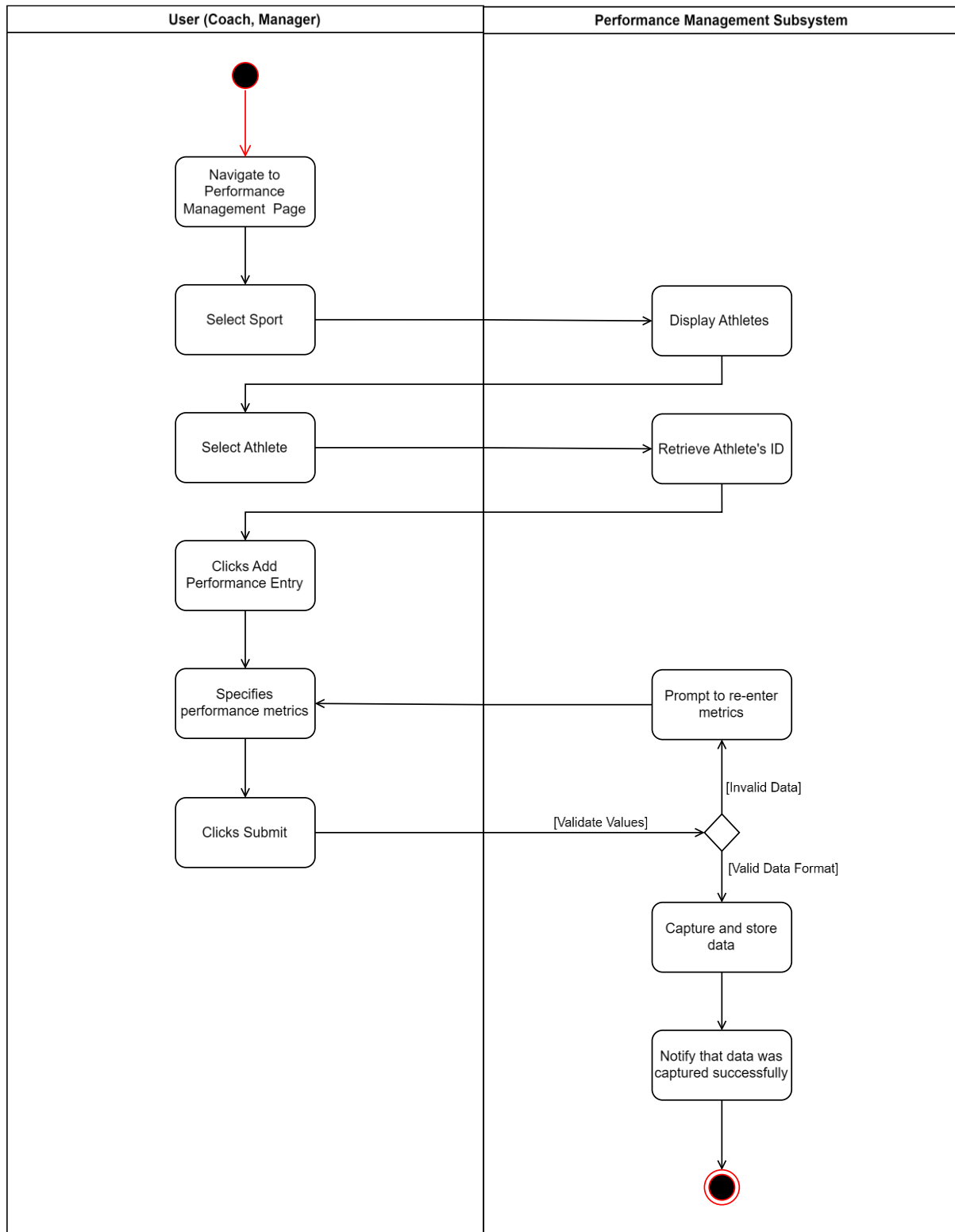


Use Case: Create Profile

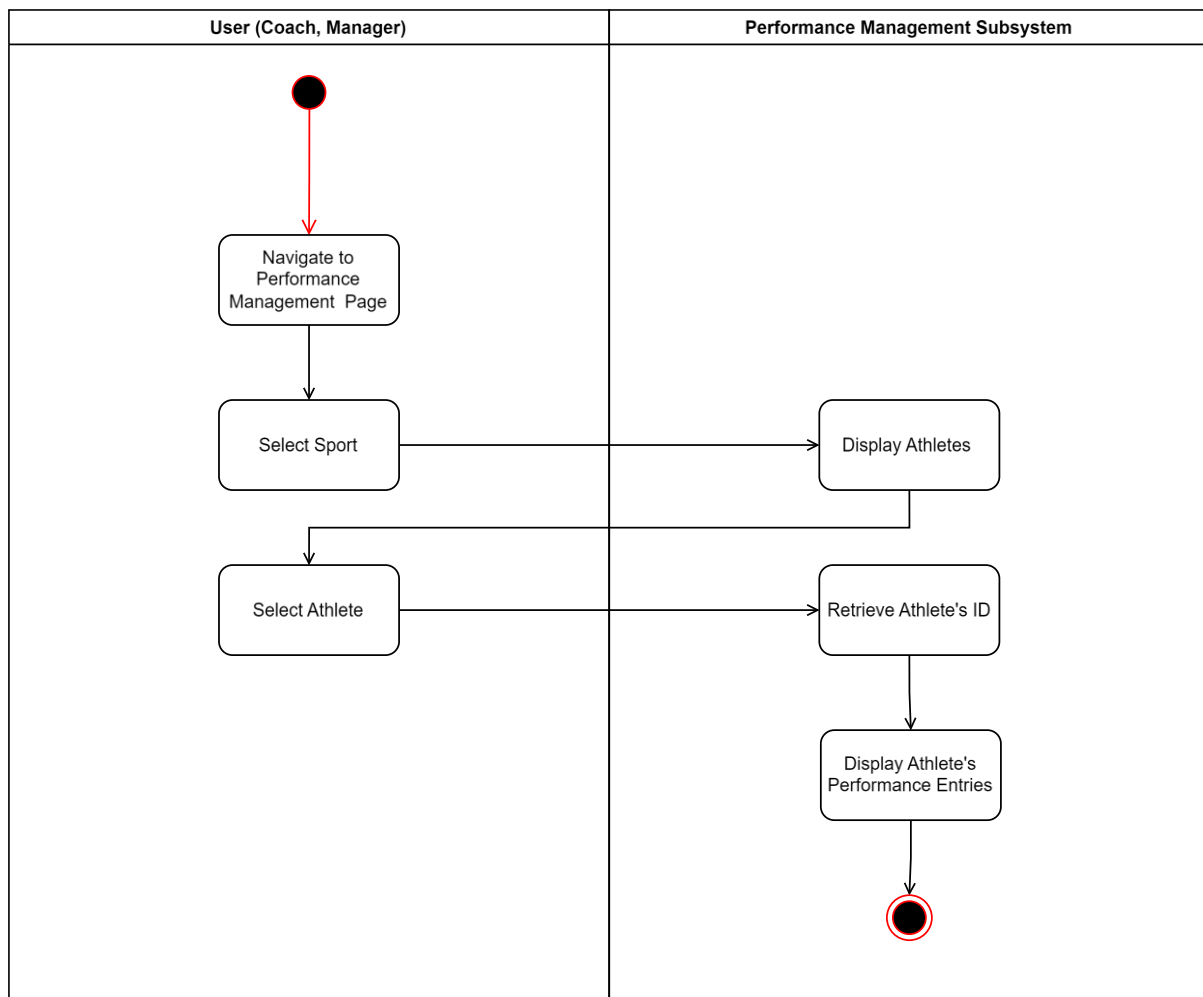


Performance Management

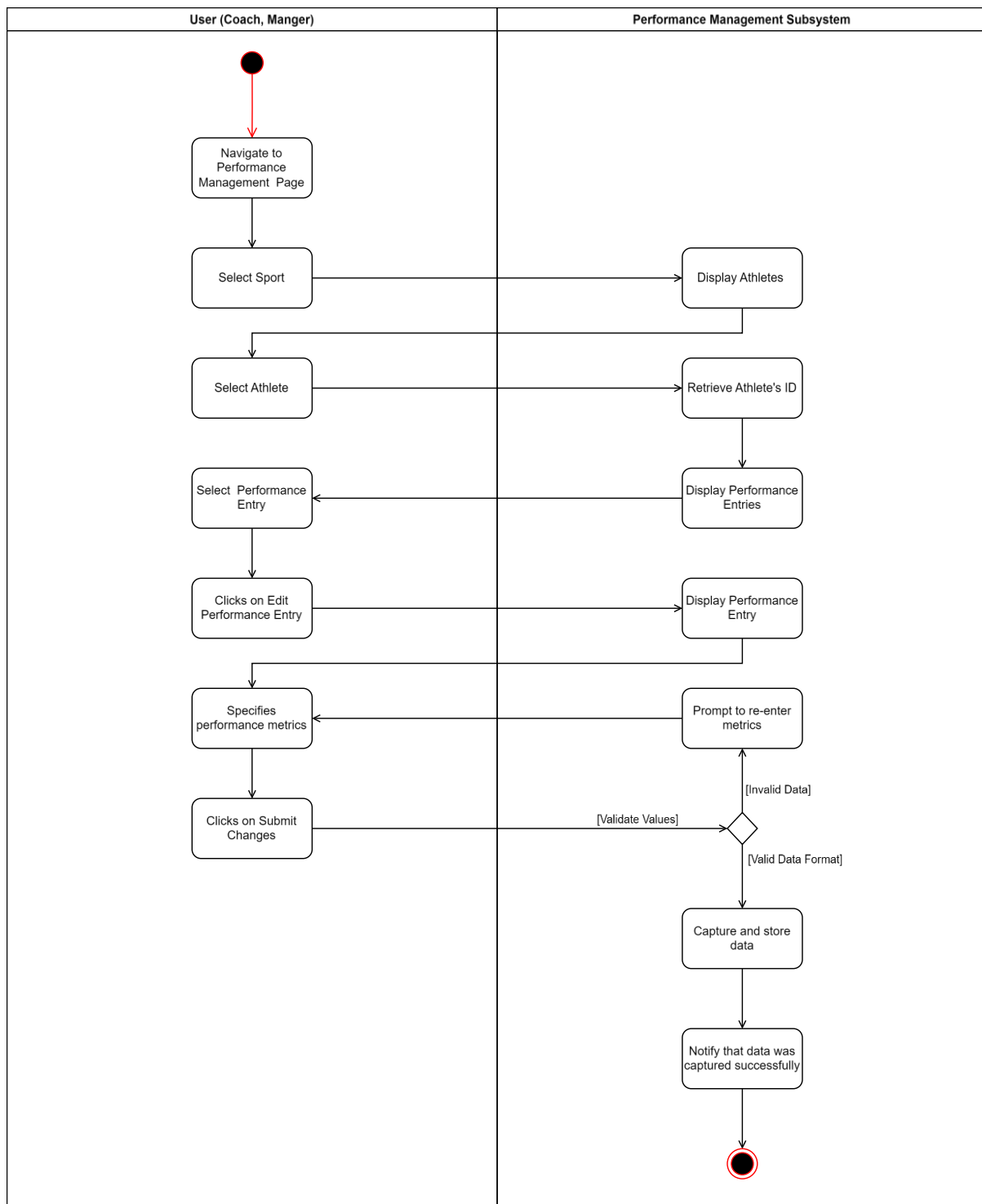
Use Case: Add Athlete Performance Entry



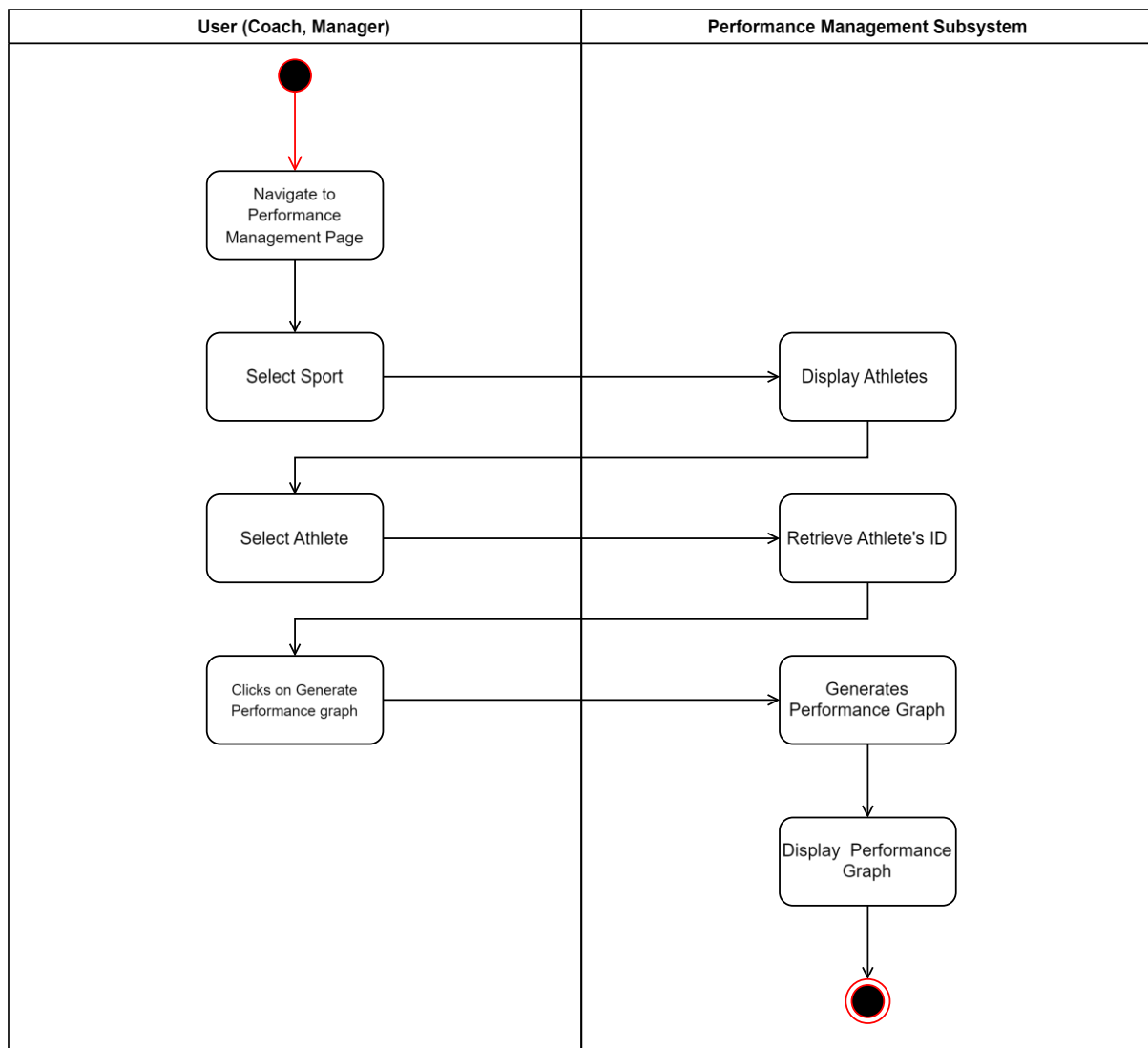
Use Case: View Athlete Performance Entries



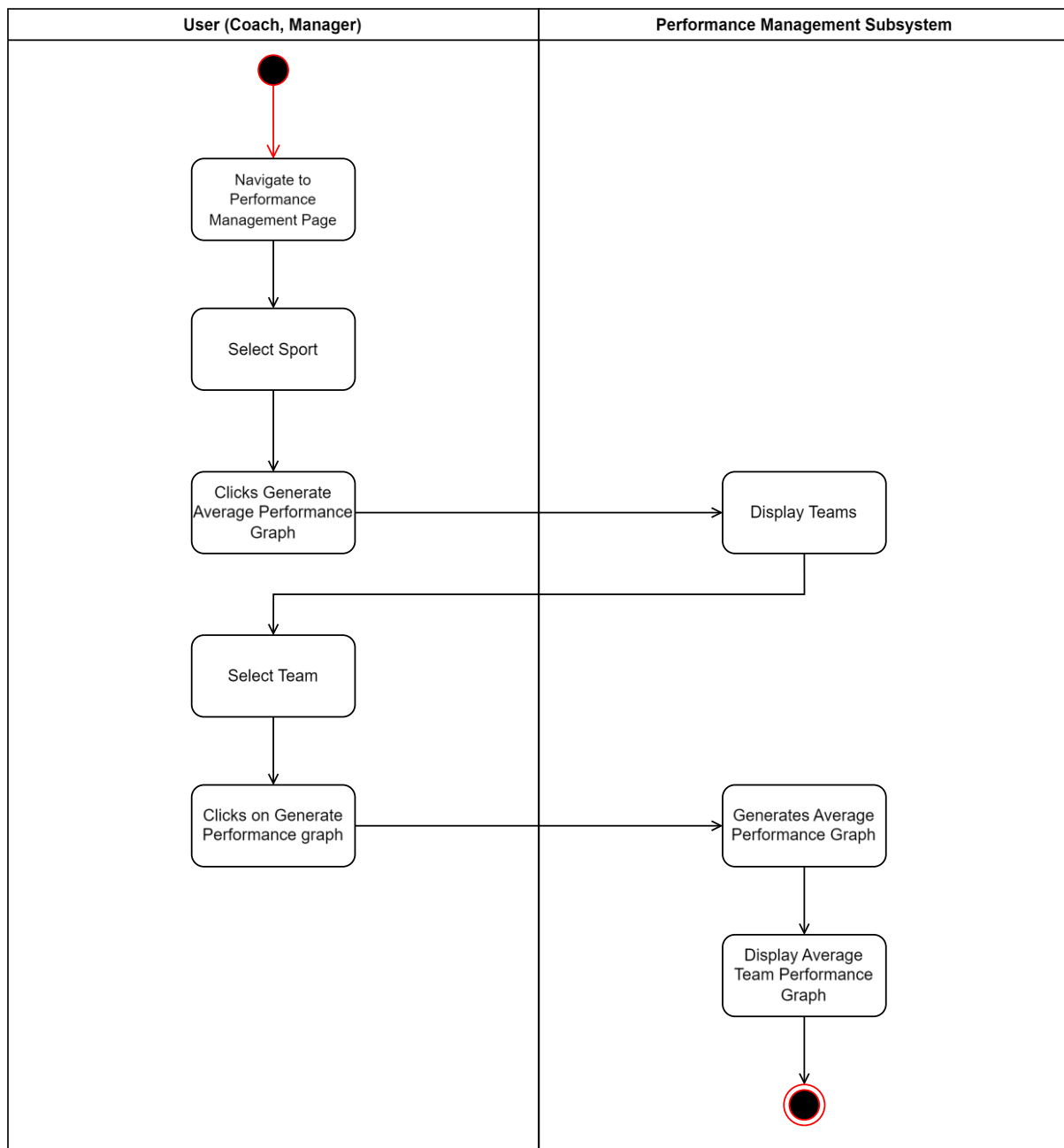
Use Case: Edit Athlete Performance Entries



Use Case: View Performance Graph

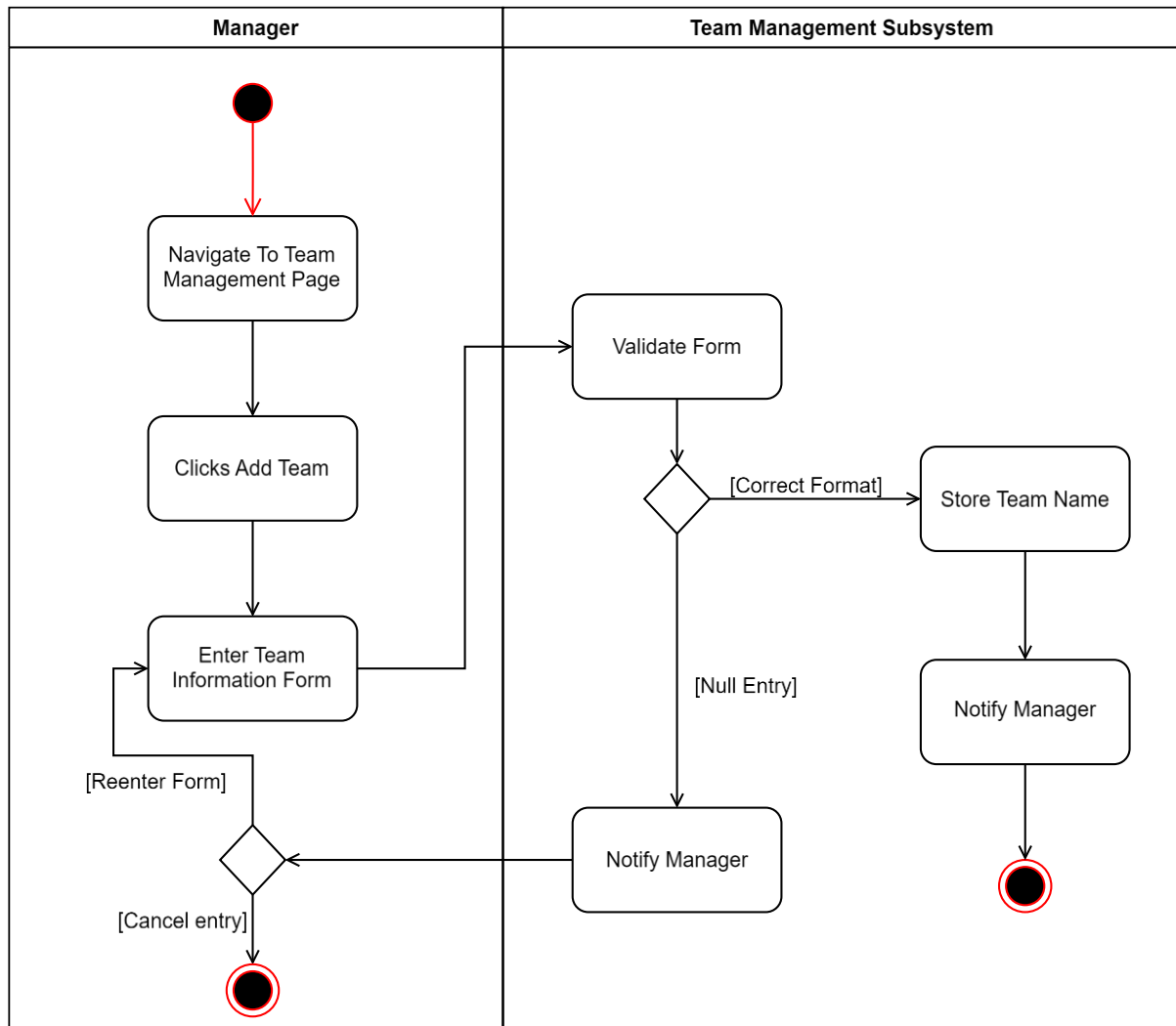


Use Case: View Average Performance Graph

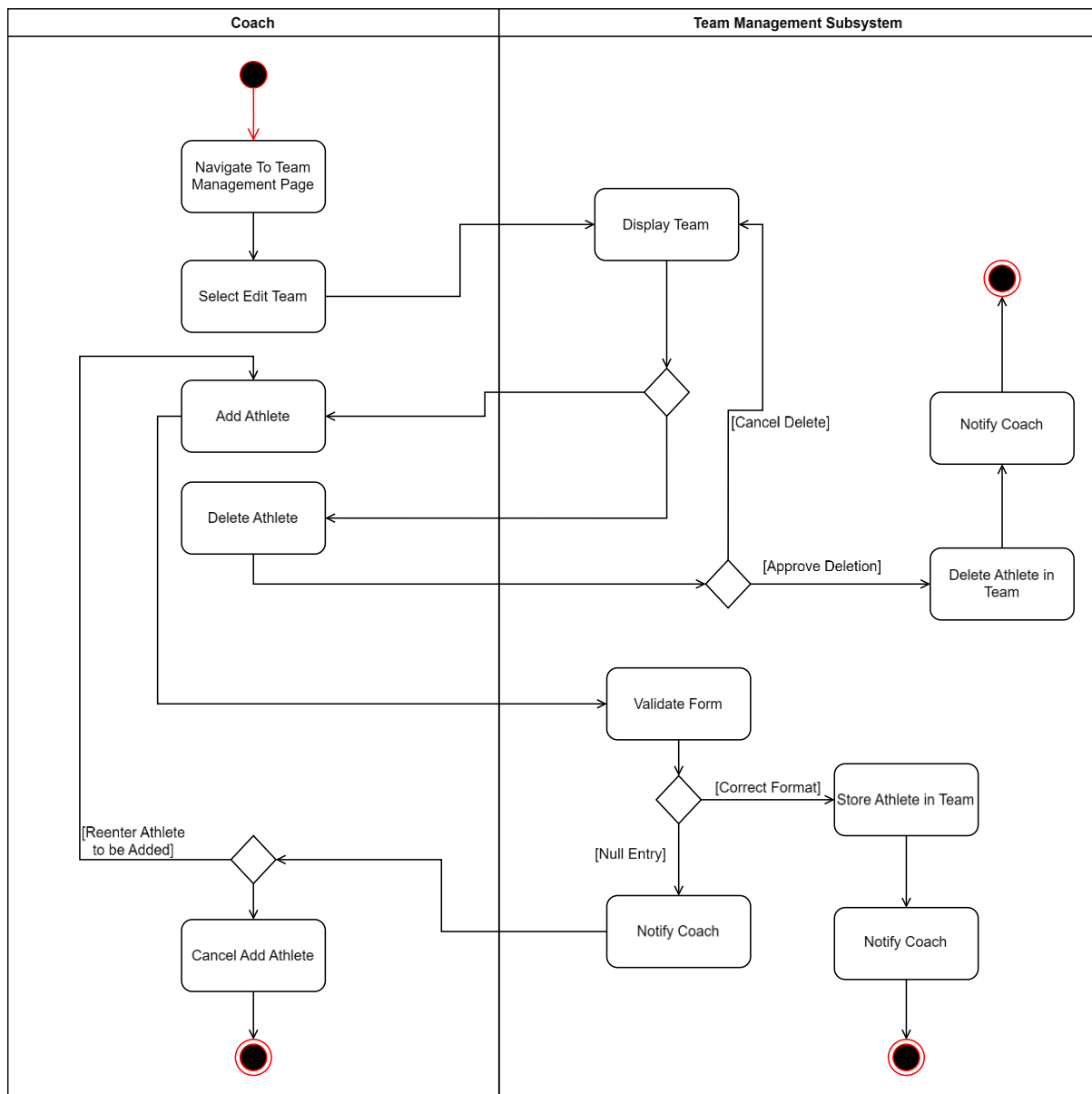


Team Management Subsystem

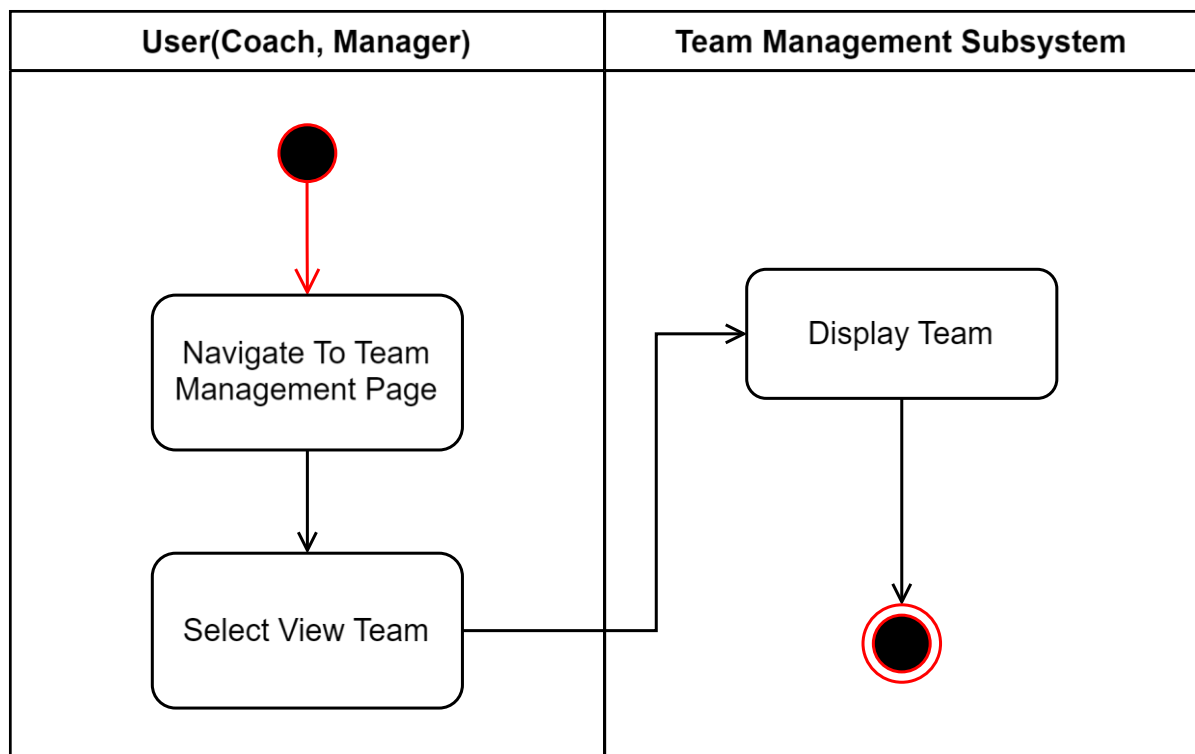
Use Case: Create Team



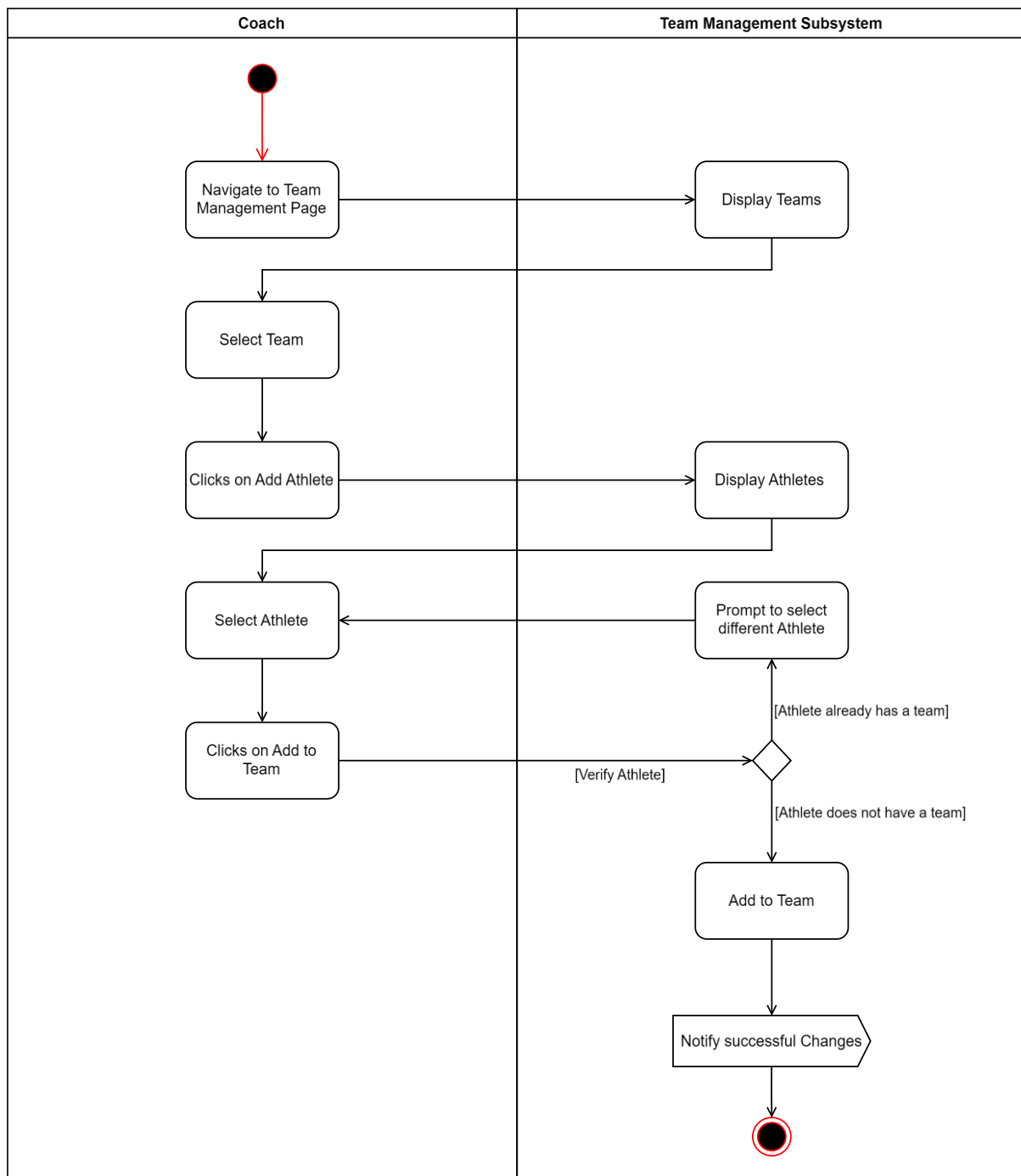
Use Case: Edit Team



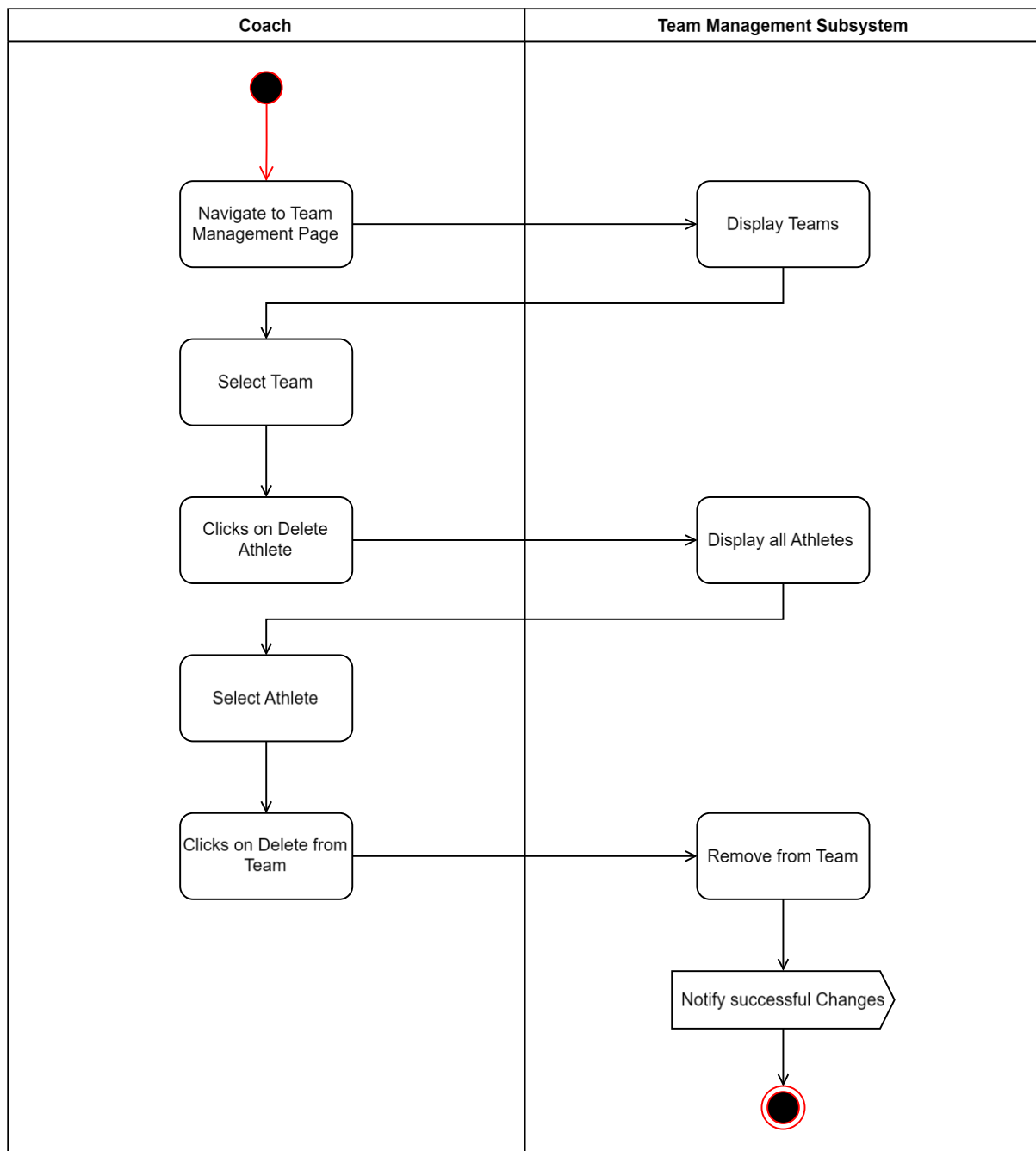
Use Case: View Team



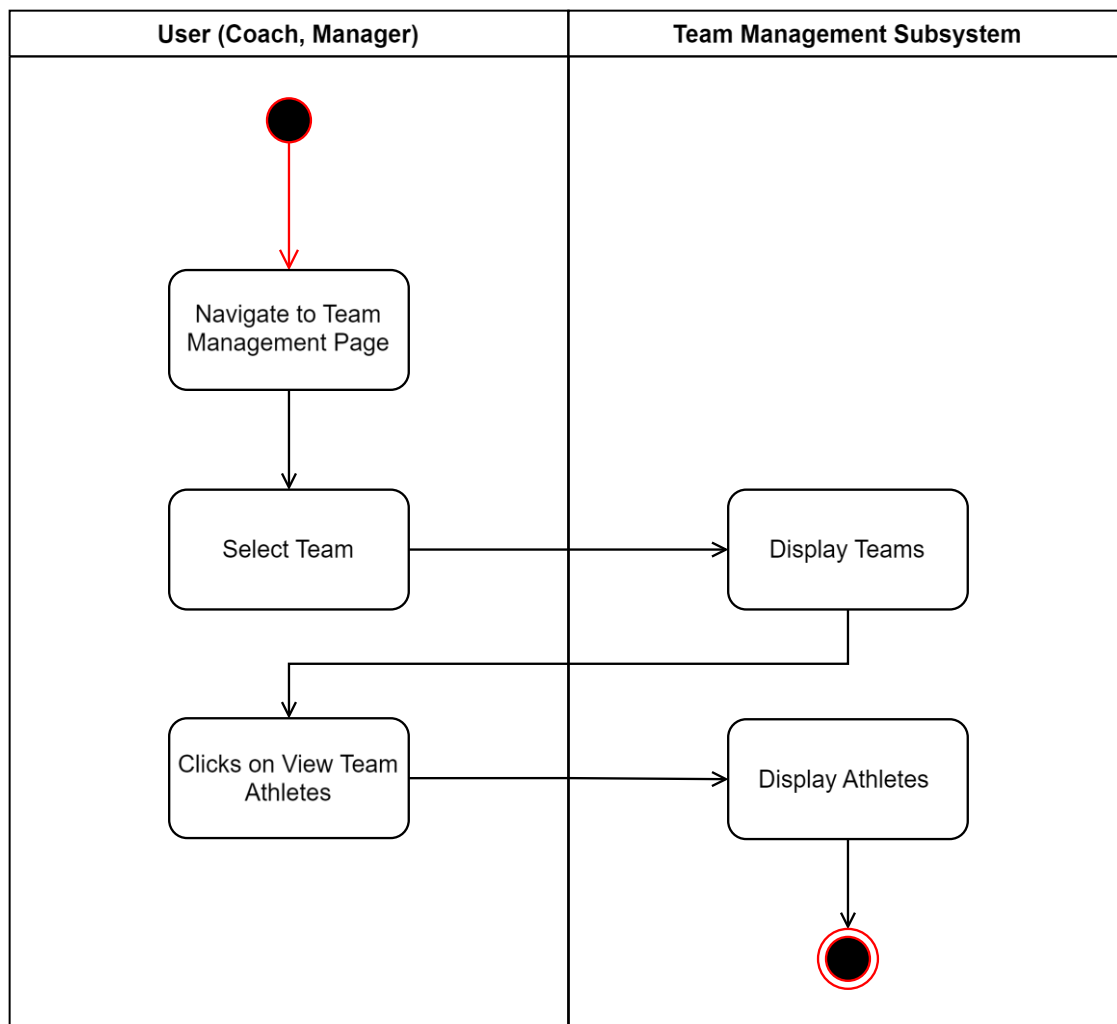
Use Case: Add Athlete to Team



Use Case: Remove Athlete from Team

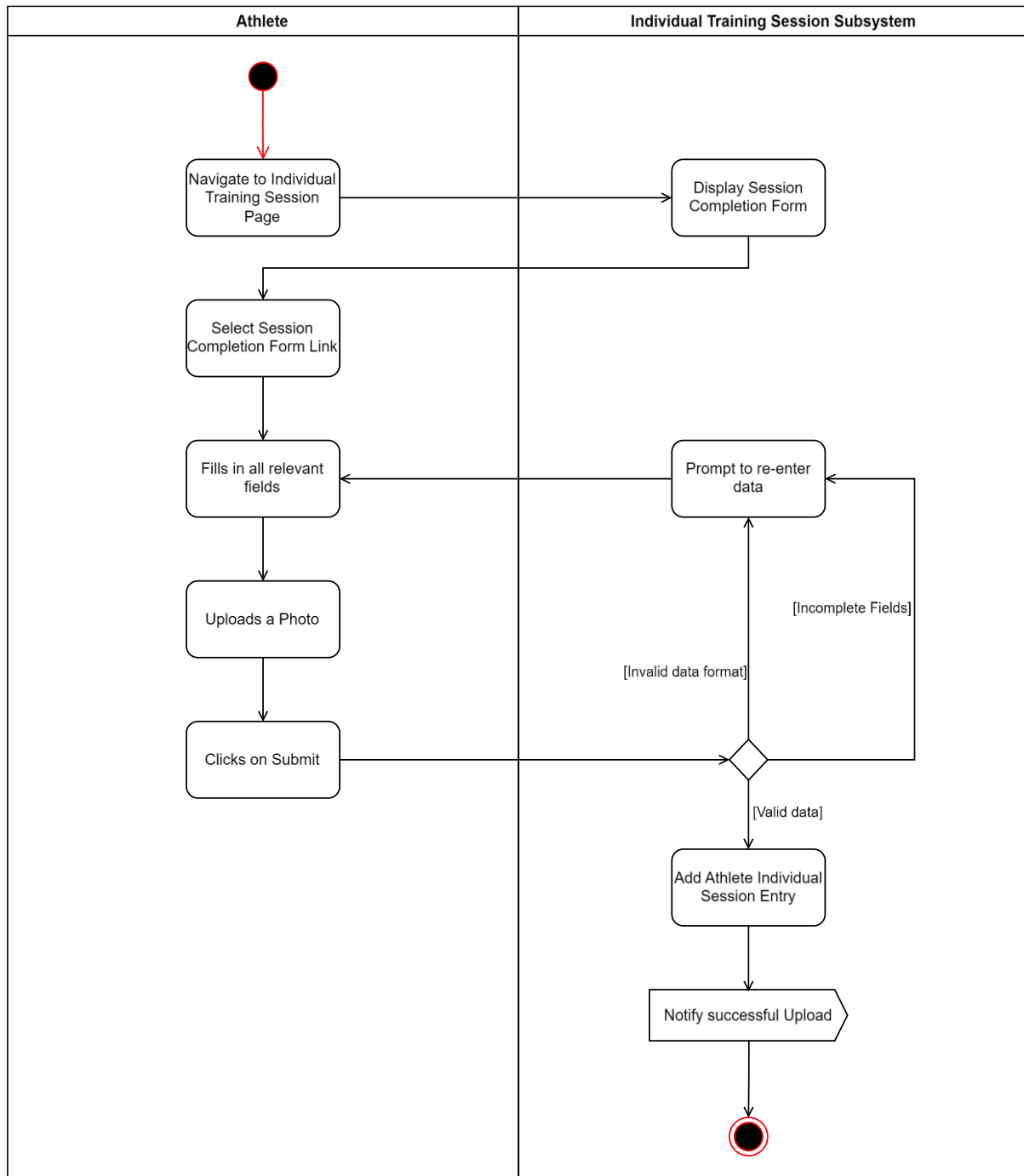


View Team Athletes

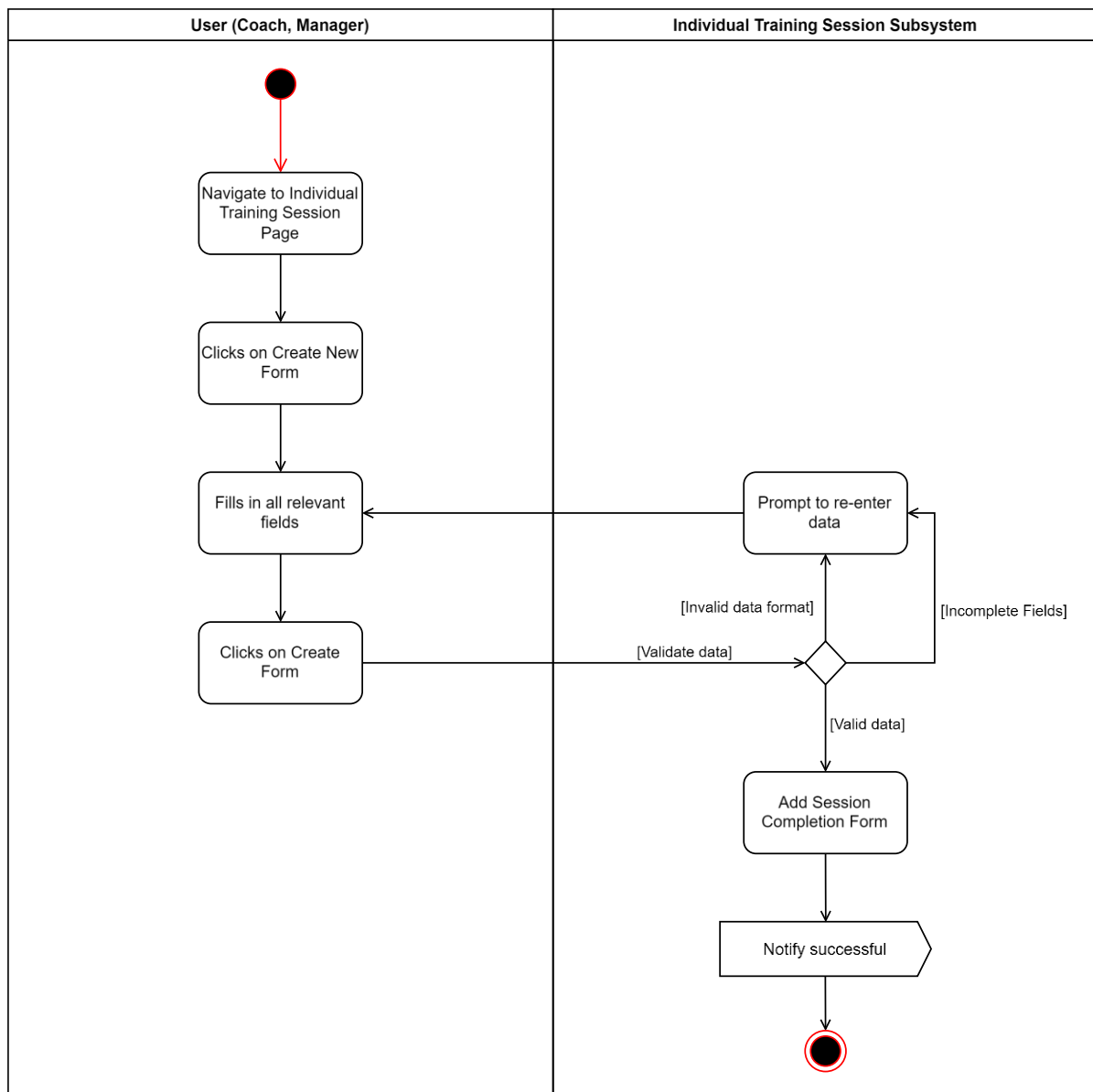


Individual Training Session Subsystem

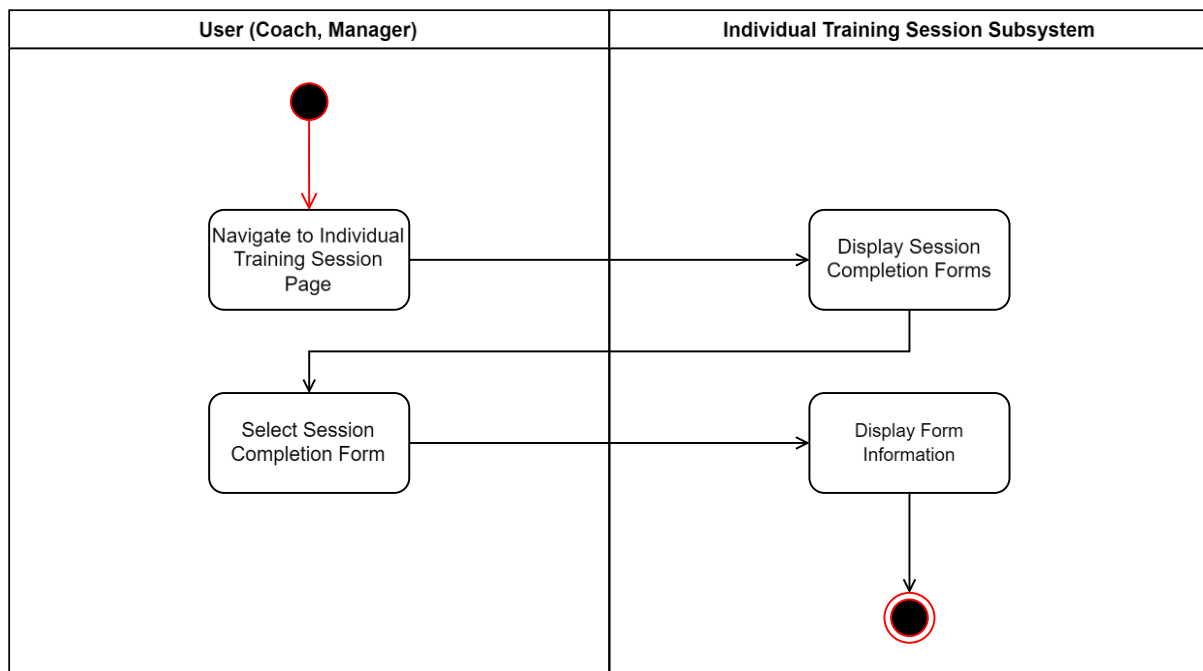
Use Case: Complete Session Completion Form



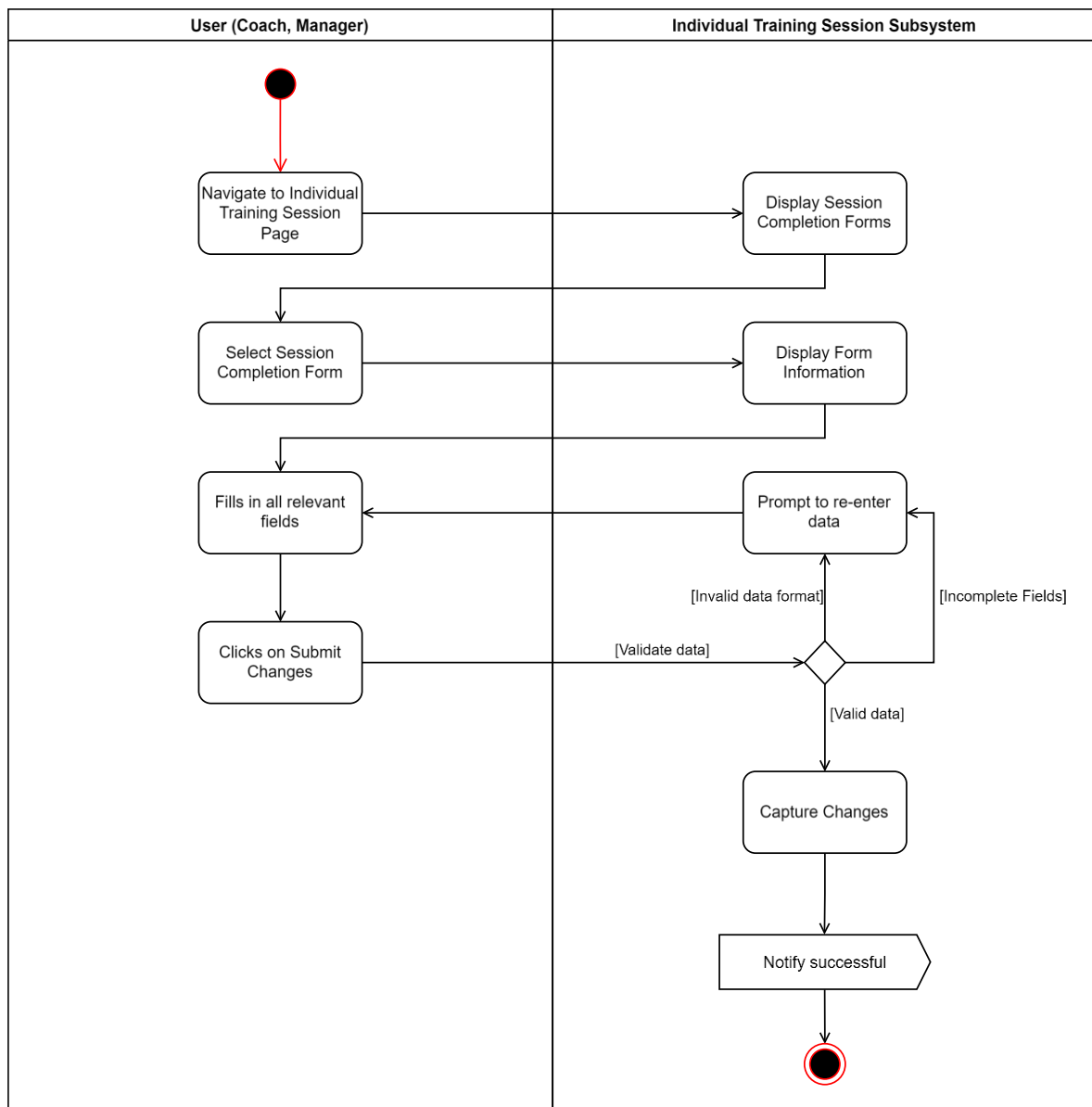
Use Case: Create Session Completion Form



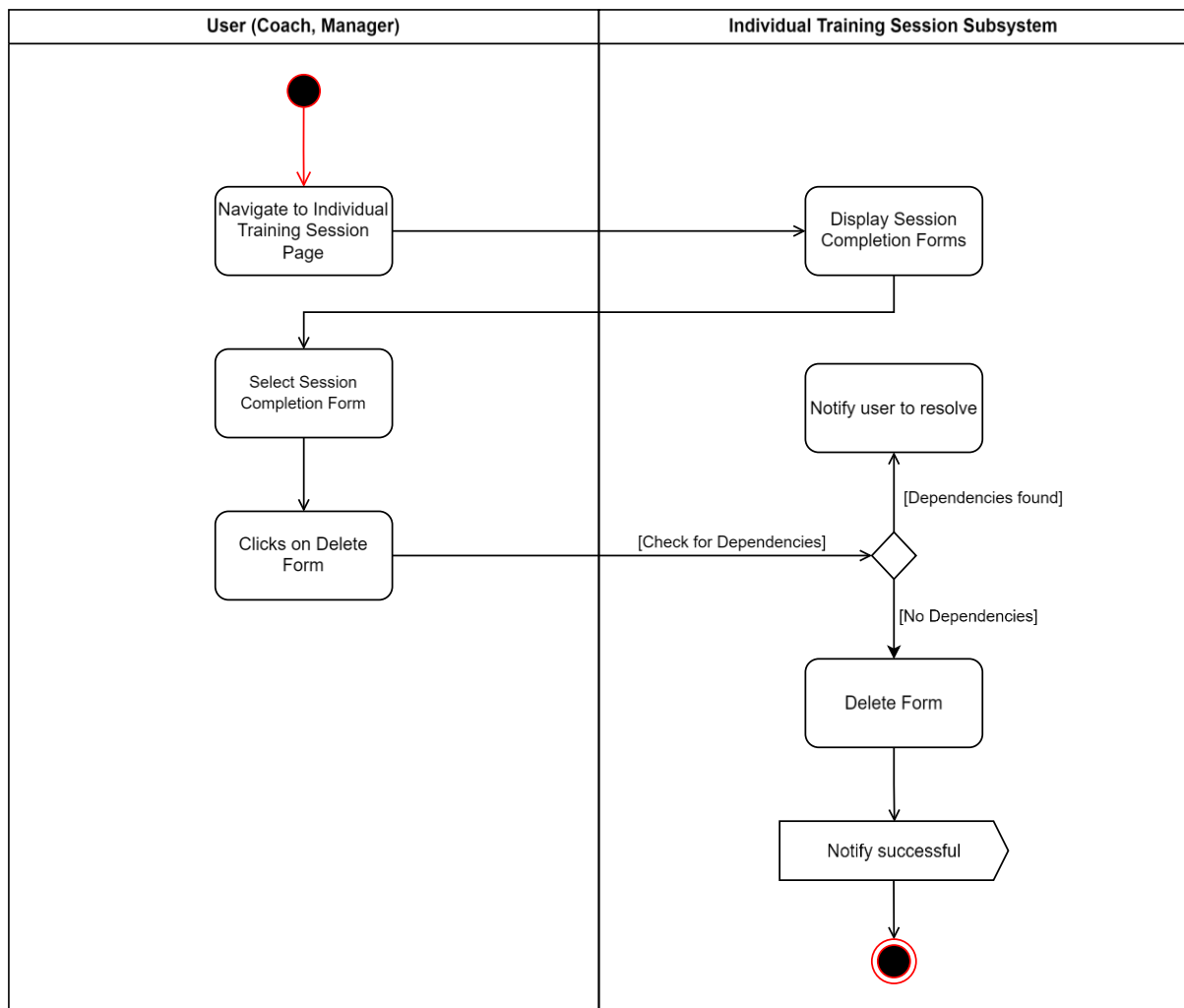
Use Case: View Session Completion Form



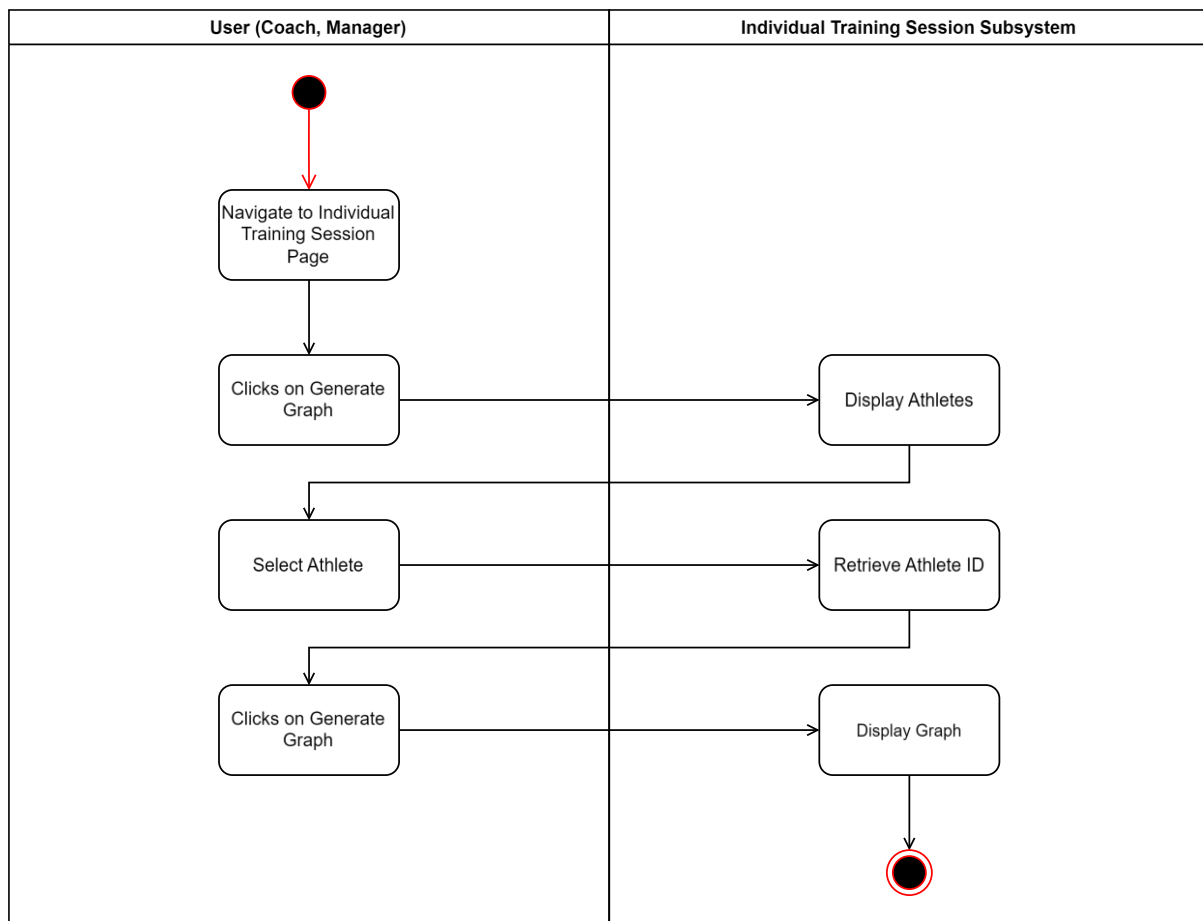
Use Case: Edit Session Completion Form



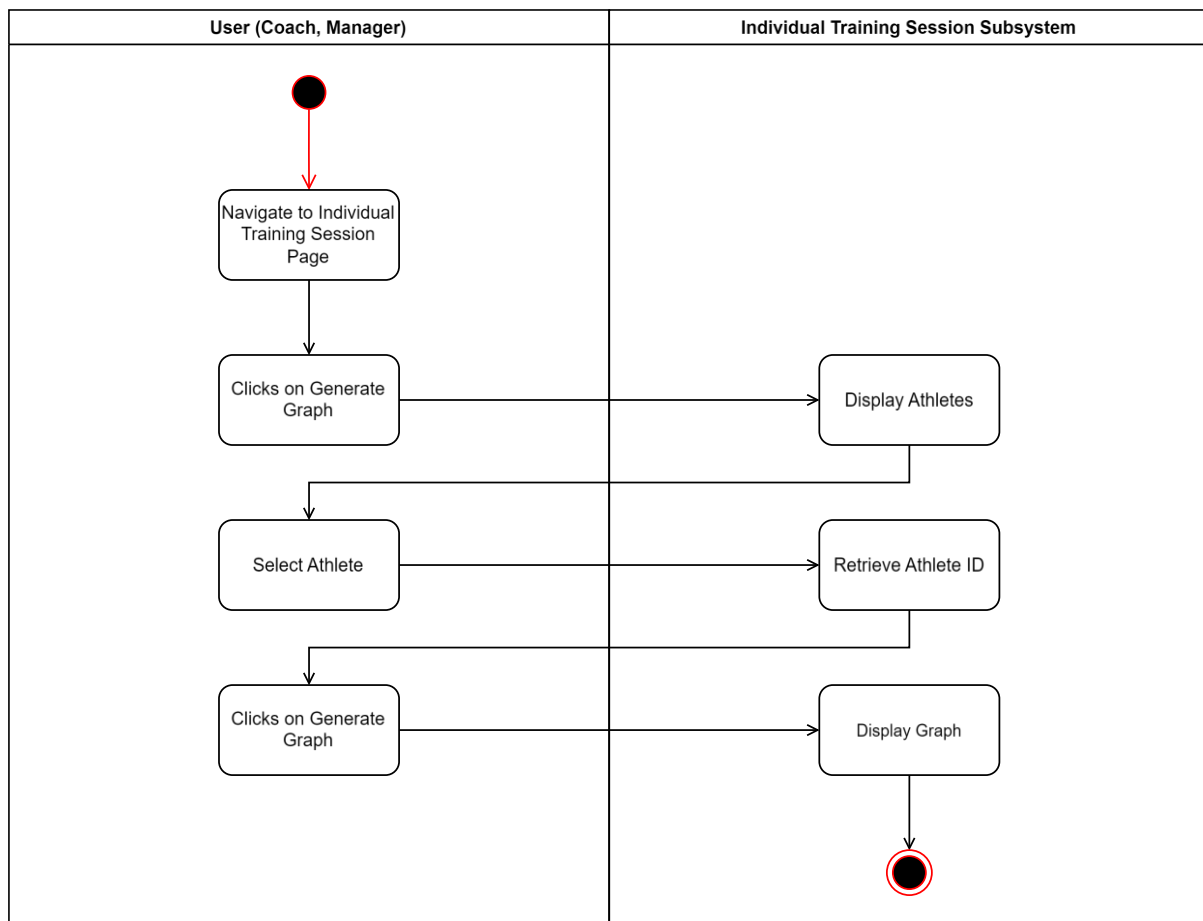
Use Case: Delete Session Completion Form



Use Case: View Athlete Session Completion Graph

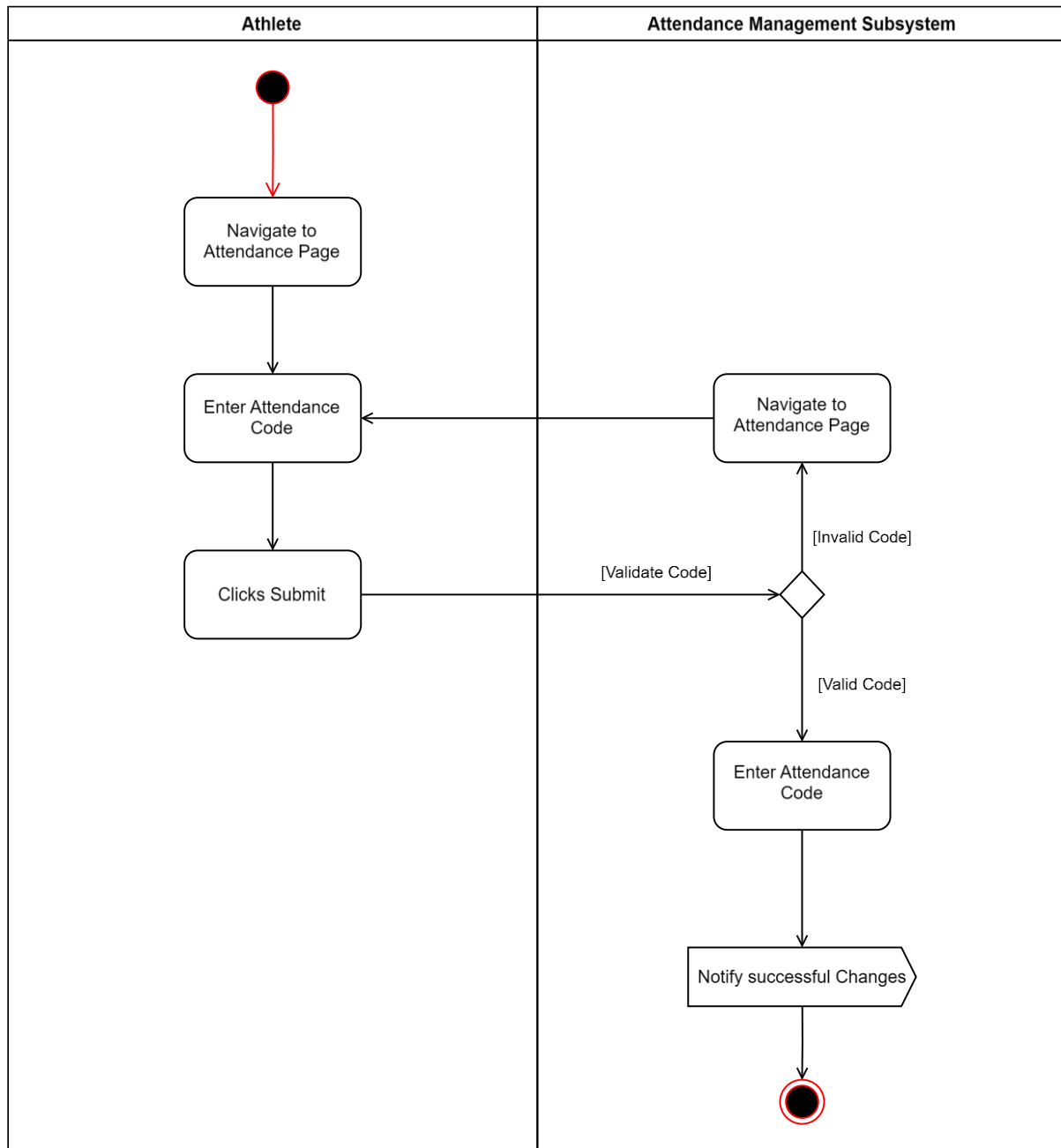


Use Case: View Average Session Completion Graph

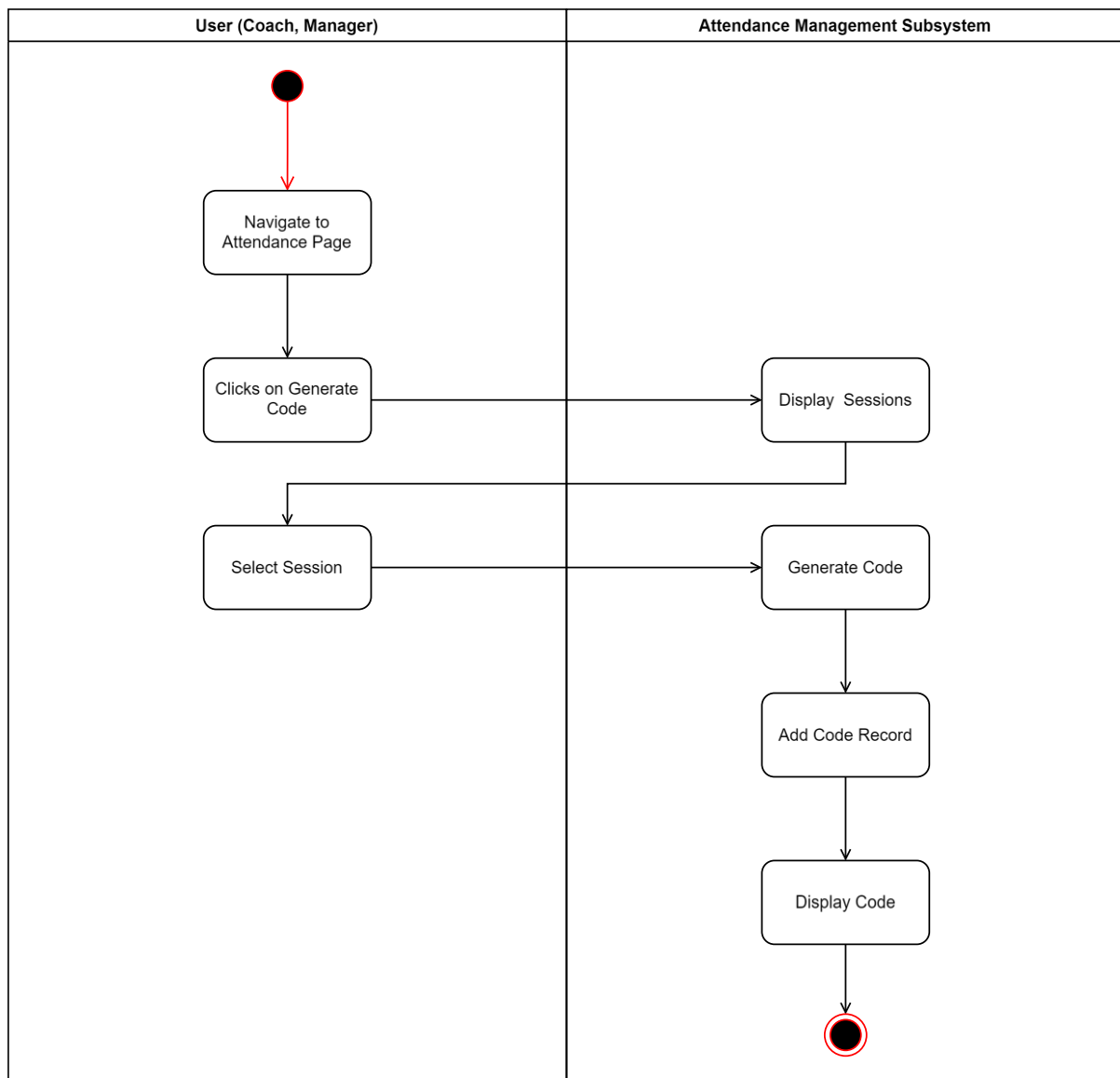


Attendance Management Subsystem

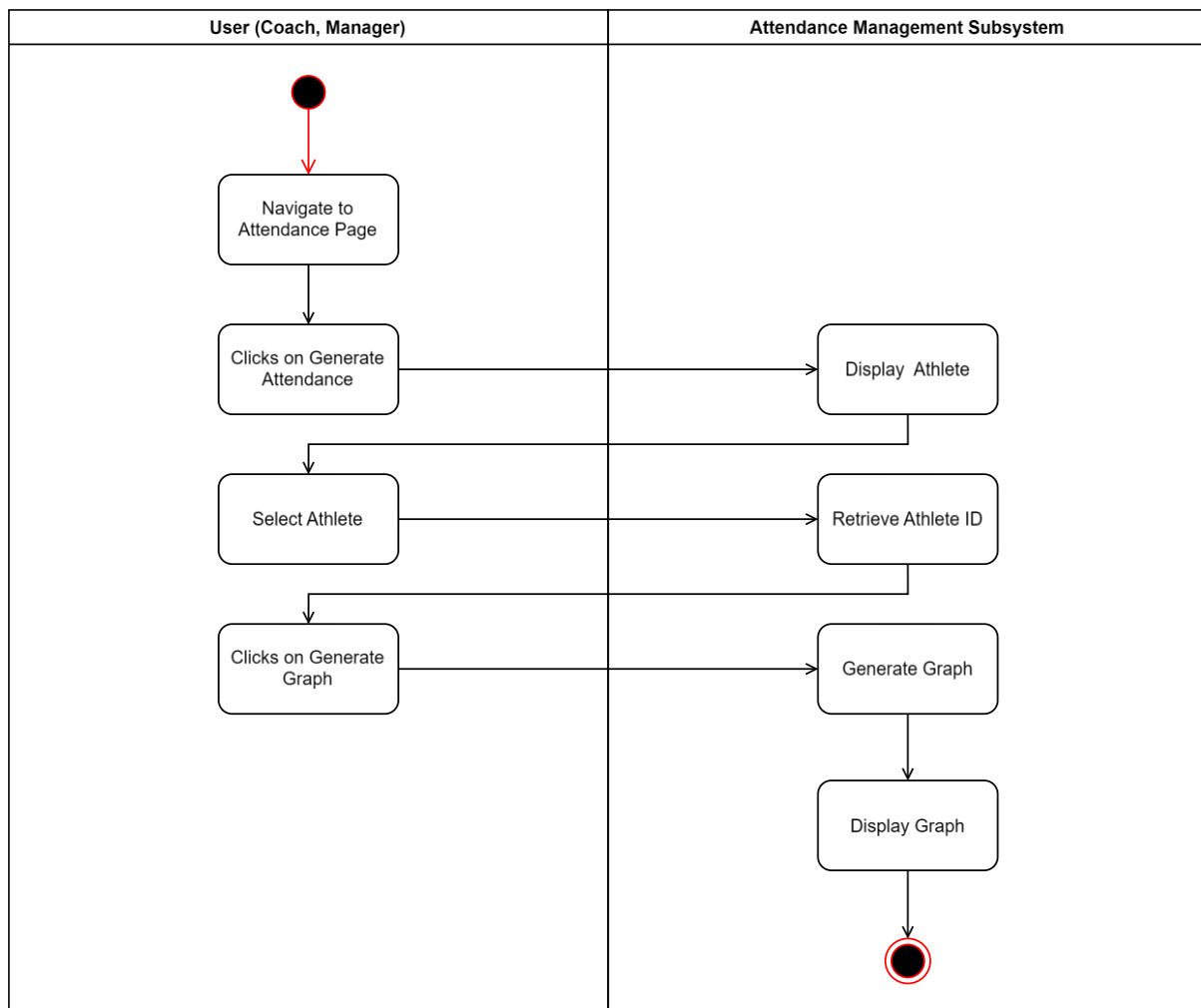
Use Case: Submit Attendance Code



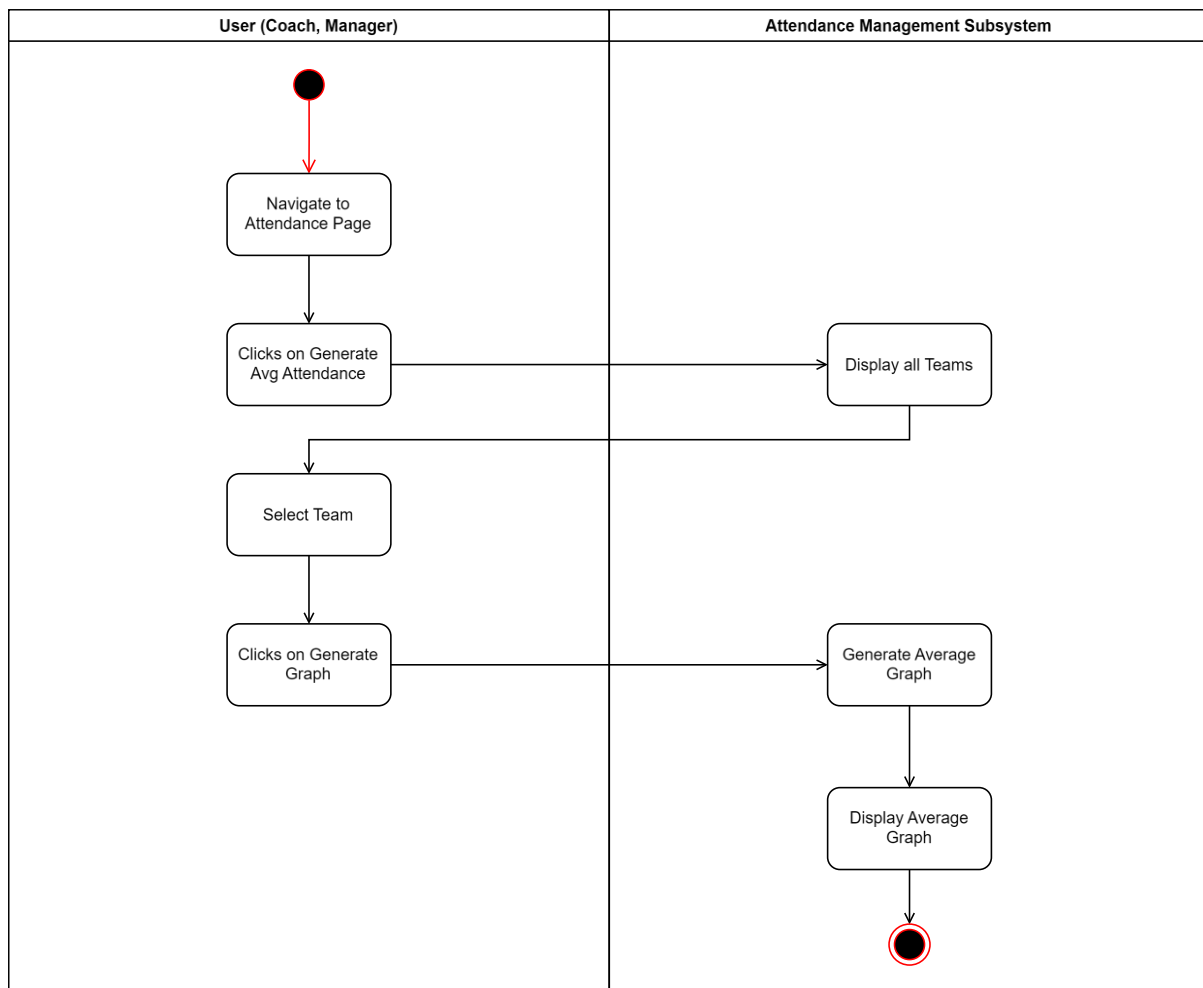
Use Case: Show Attendance Code



Use Case: View Athlete Attendance Graph

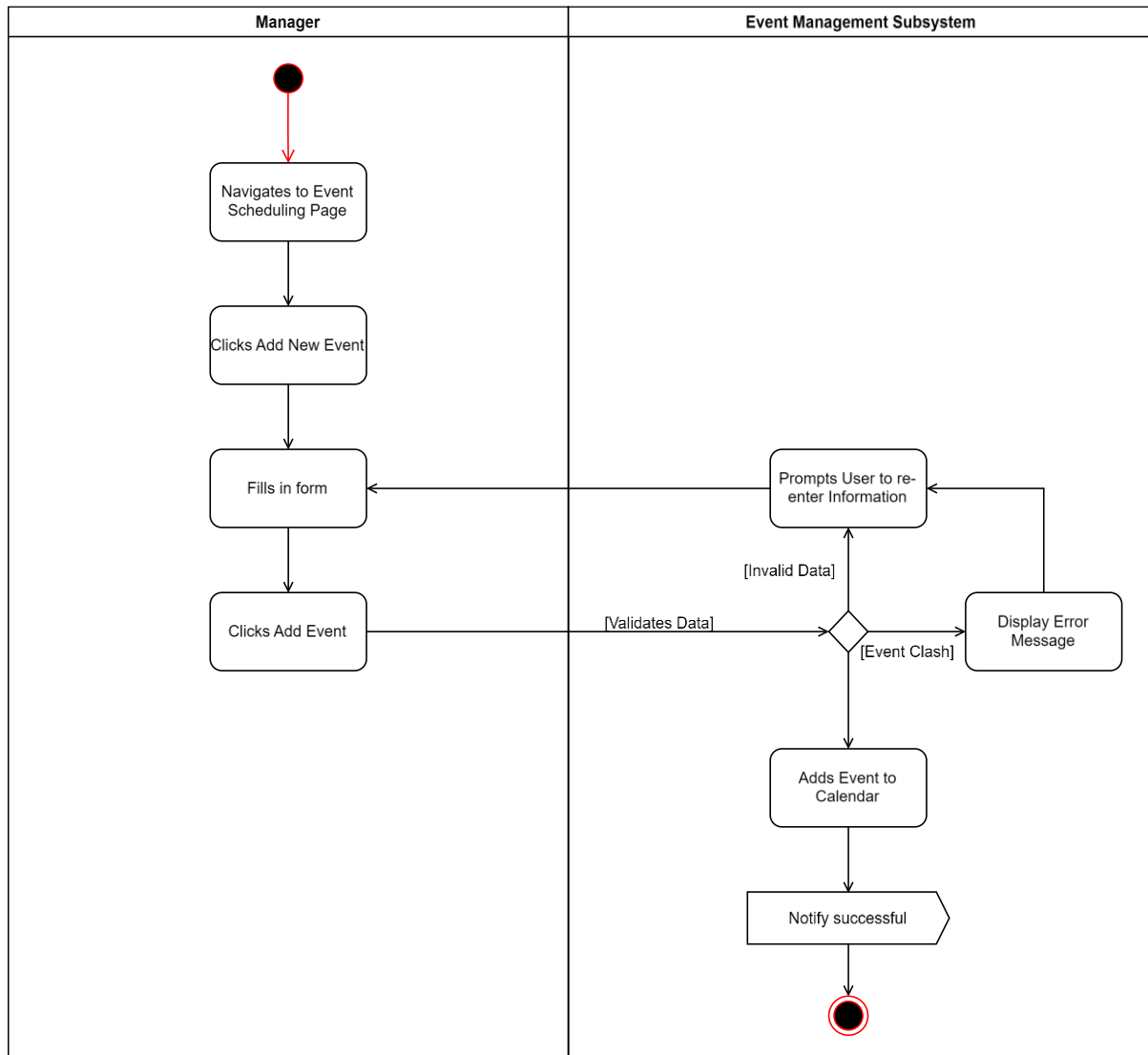


Use Case: View Average Attendance Graph

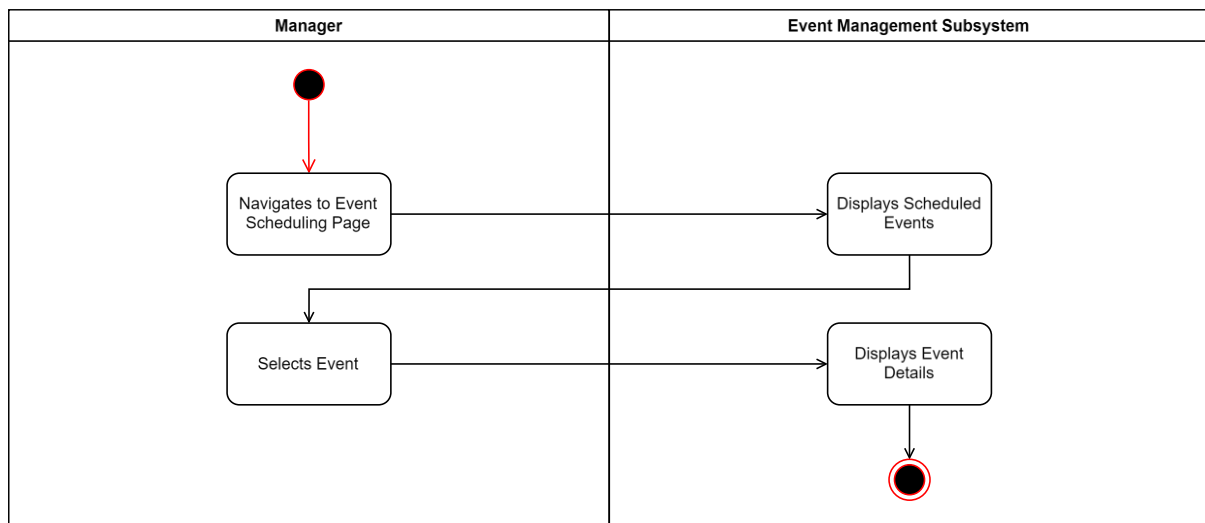


Event Scheduling Subsystem

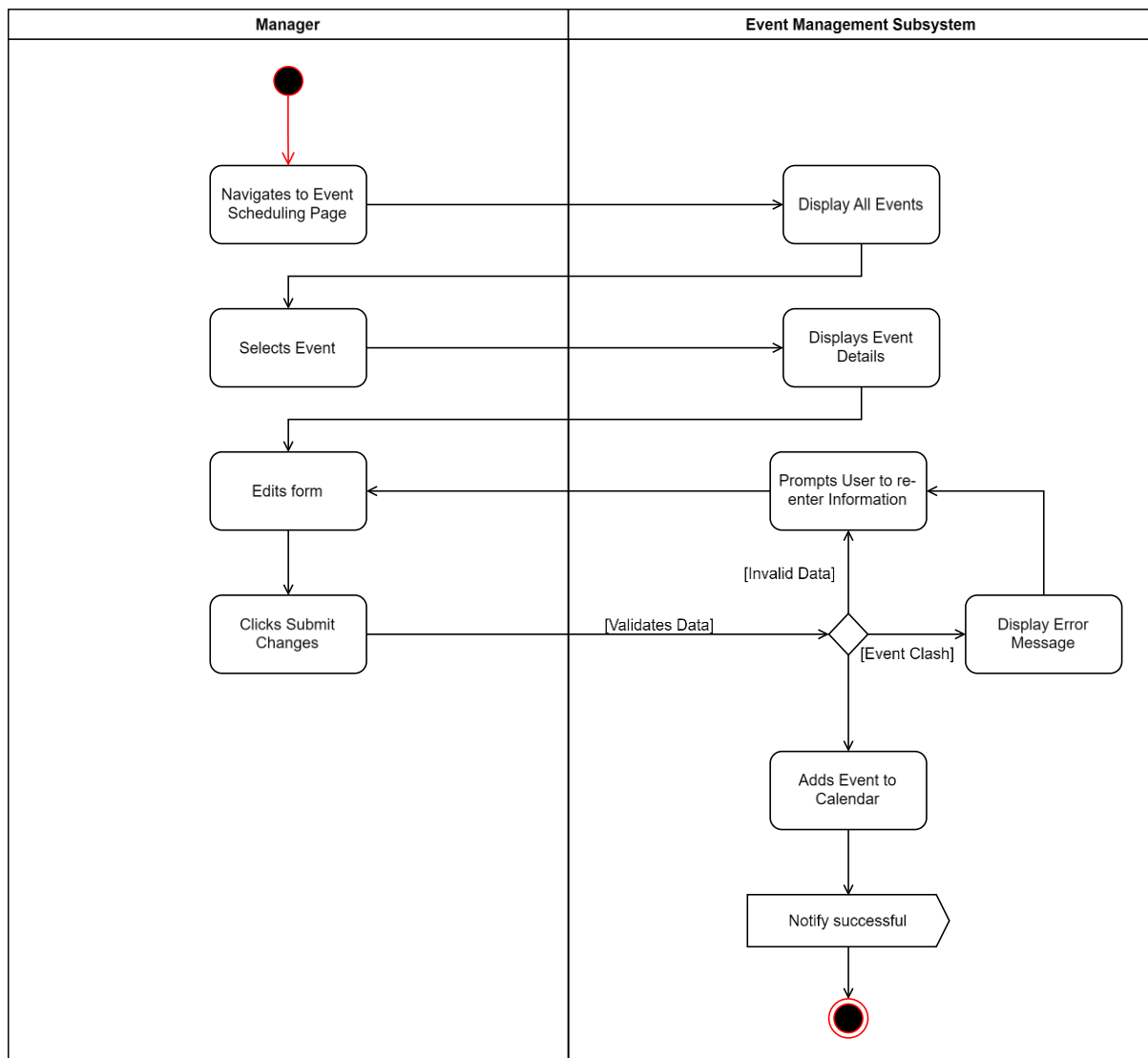
Use Case: Add Event



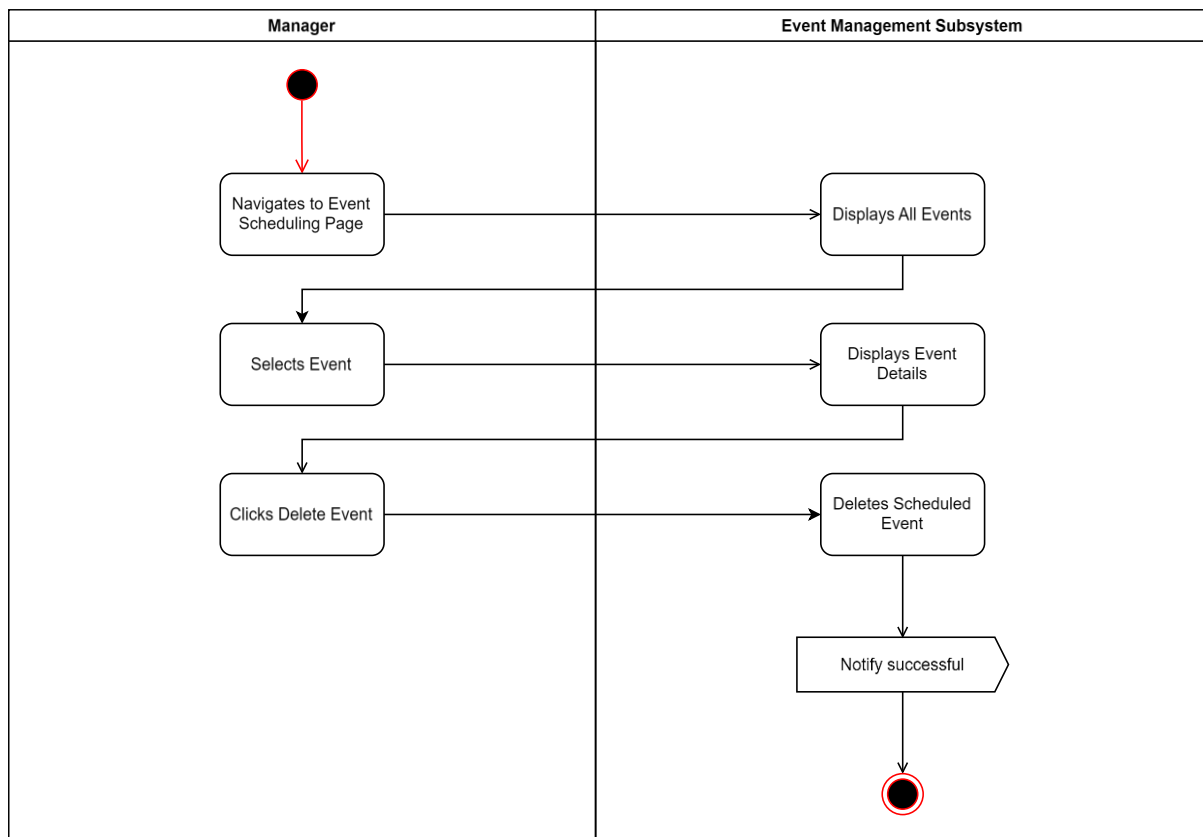
Use Case: View Event



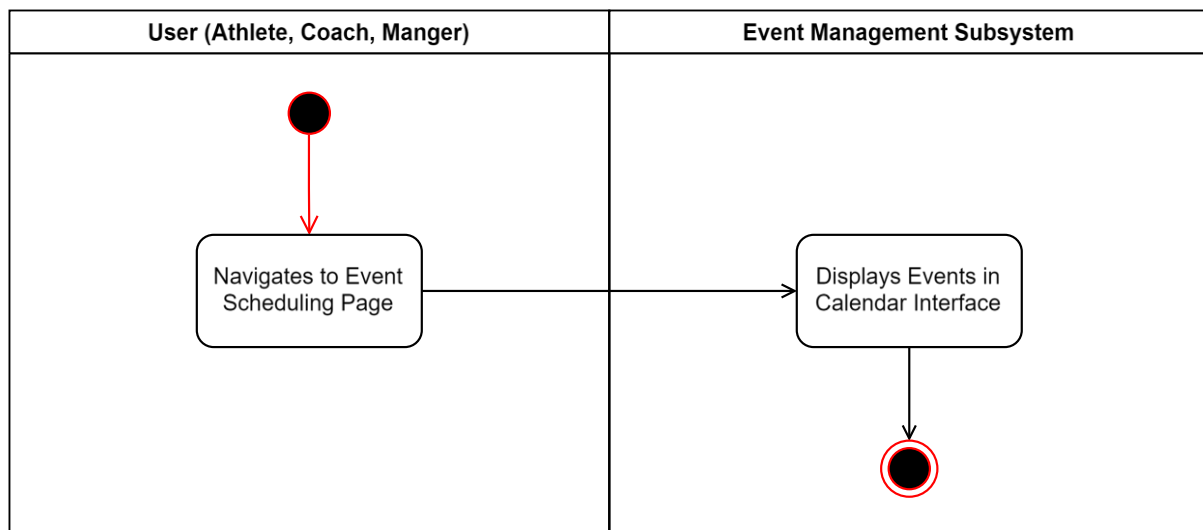
Use Case: Edit Event



Use Case: Delete Event

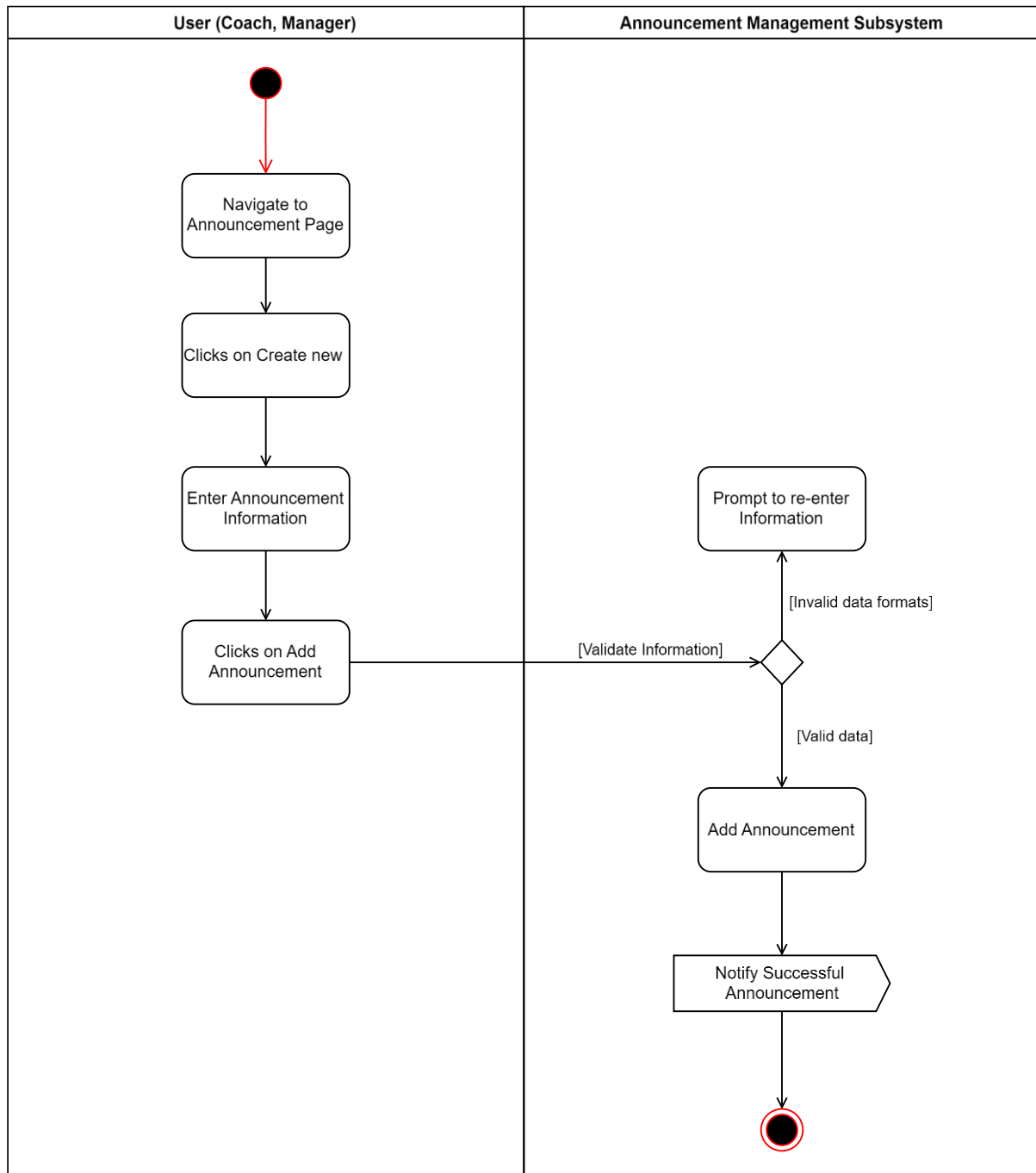


Use Case: View Calendar

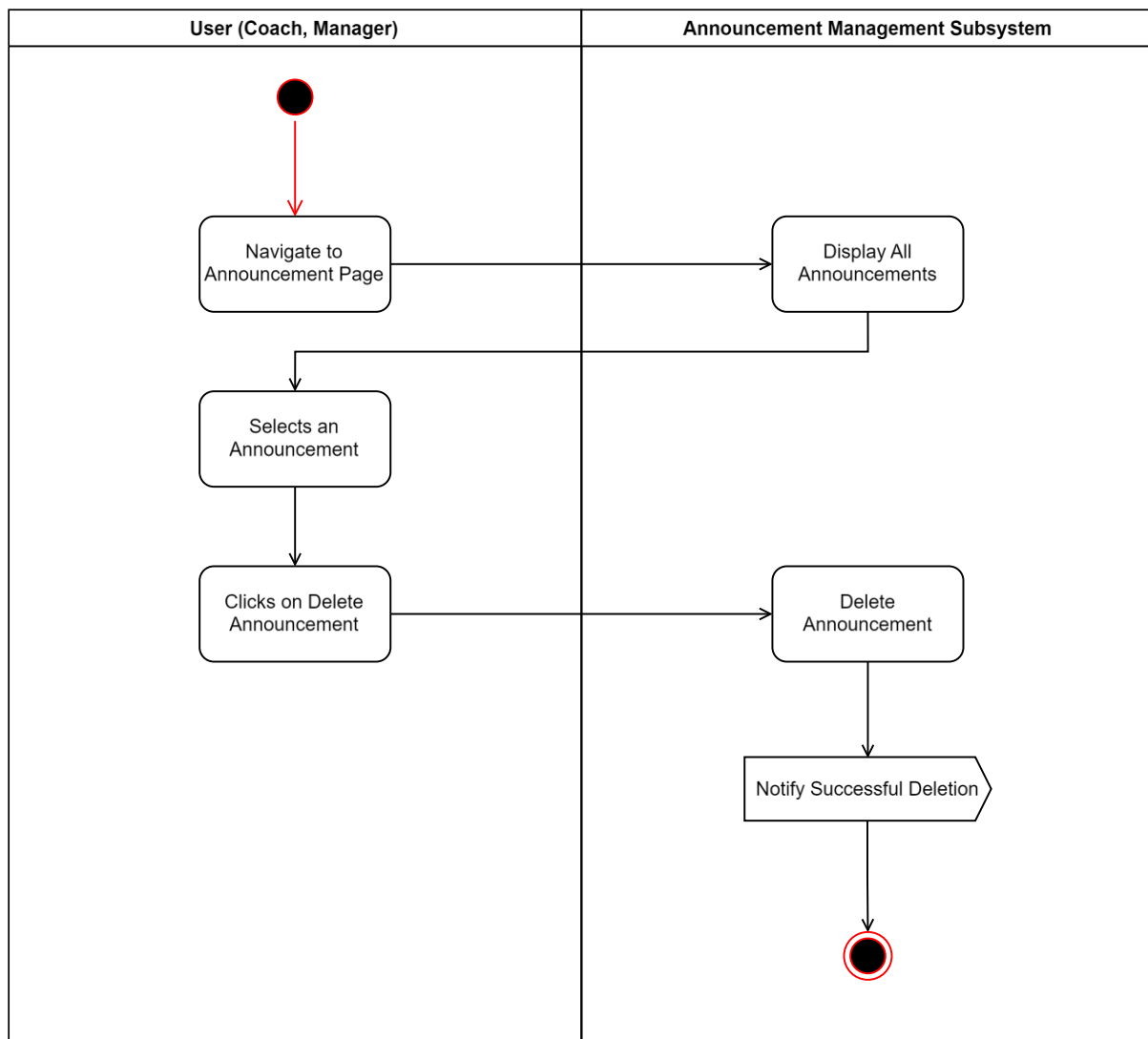


Announcement Subsystem

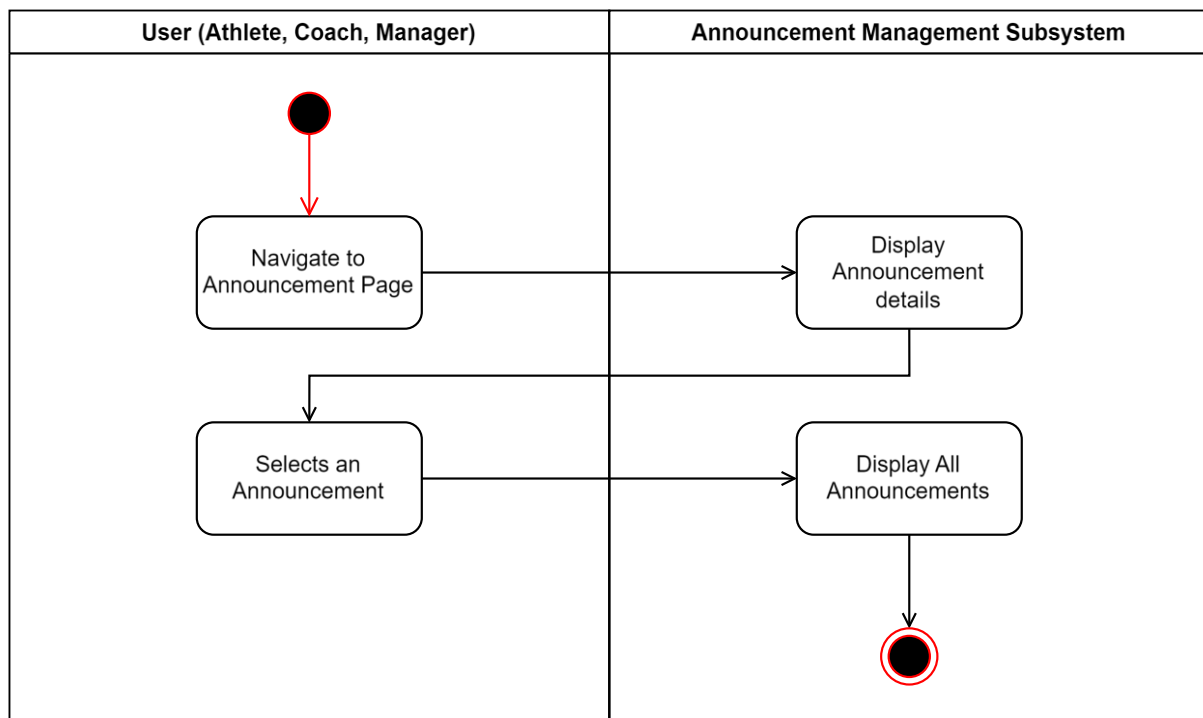
Use Case: Add Announcement



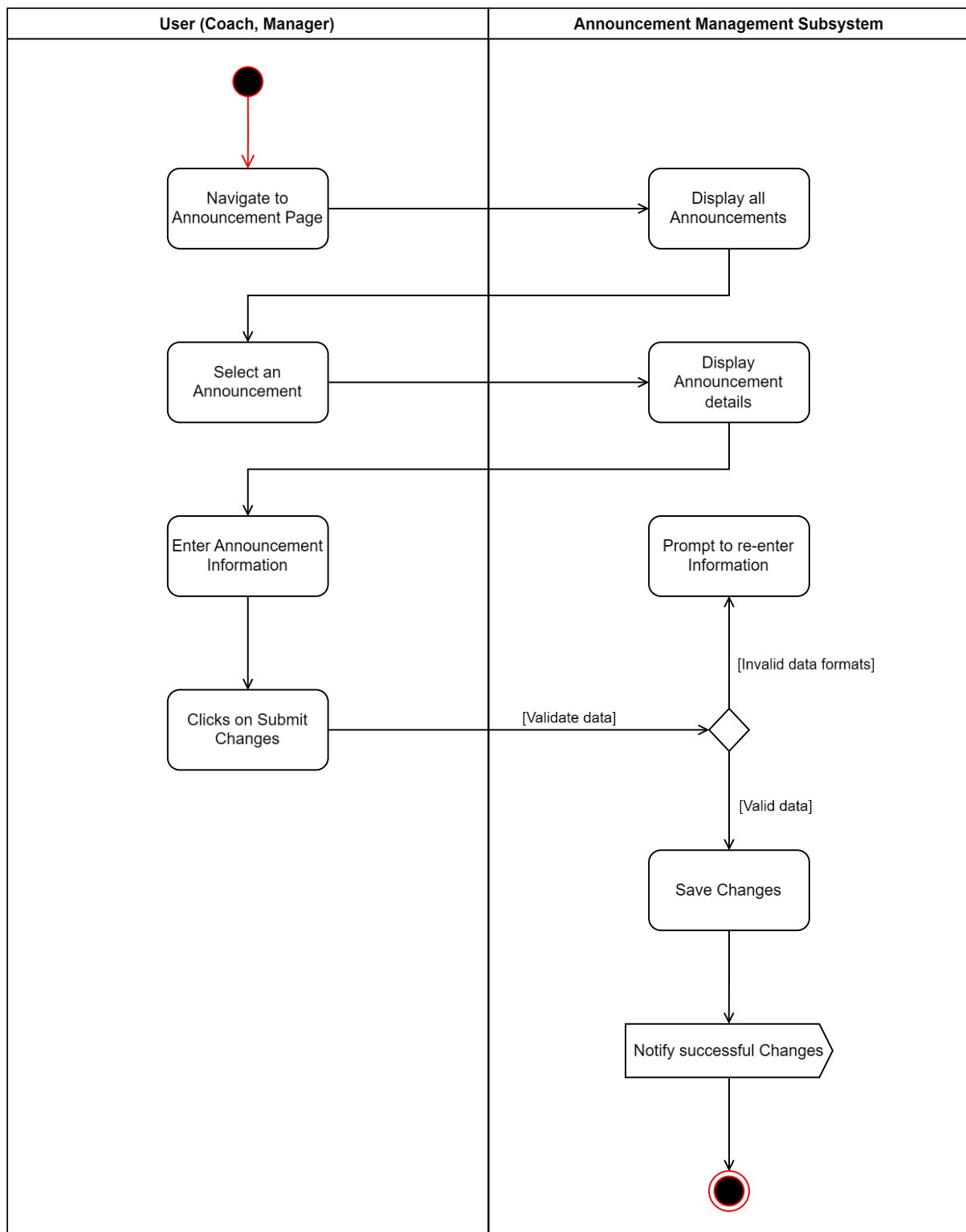
Use Case: Delete Announcement



Use Case: View Announcement

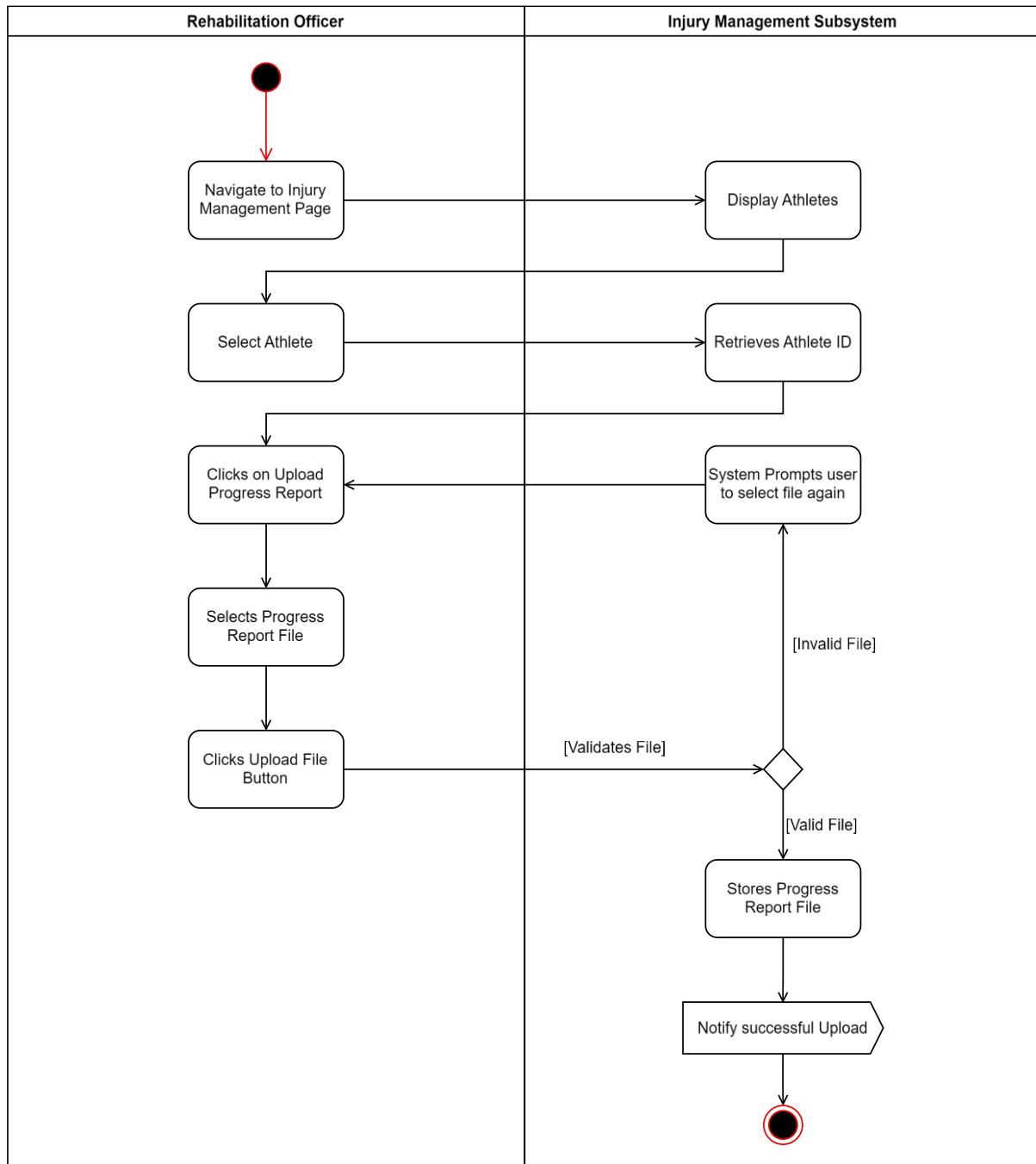


Use Case: Edit Announcement

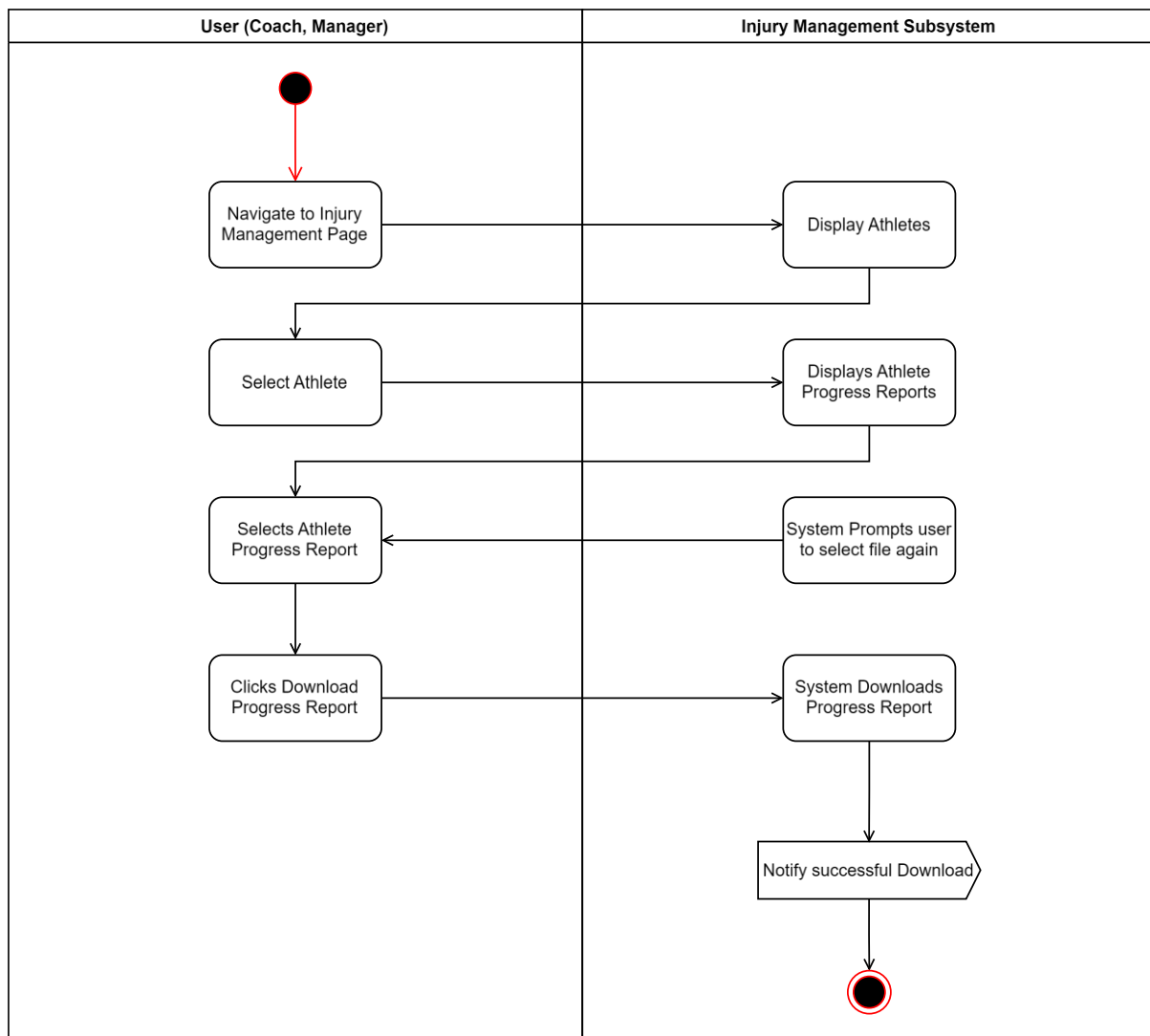


Injury Management Subsystem

Use Case: Upload Athlete Progress Report

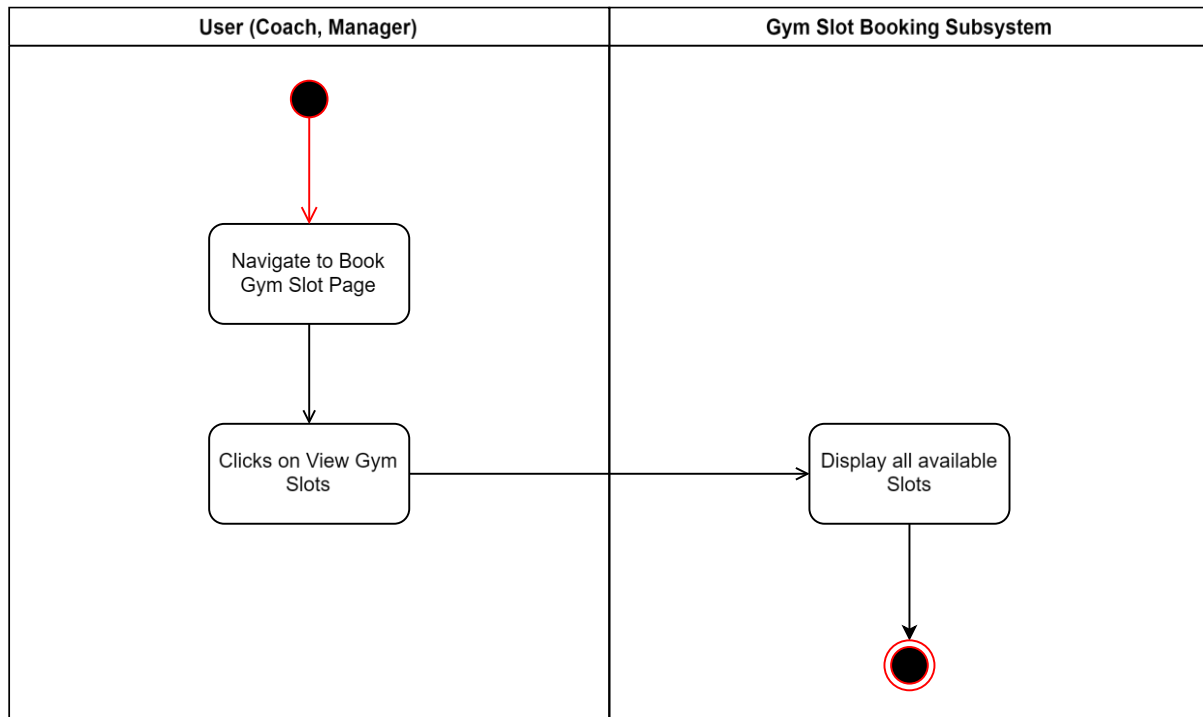


Use Case: Download Athlete Progress Report

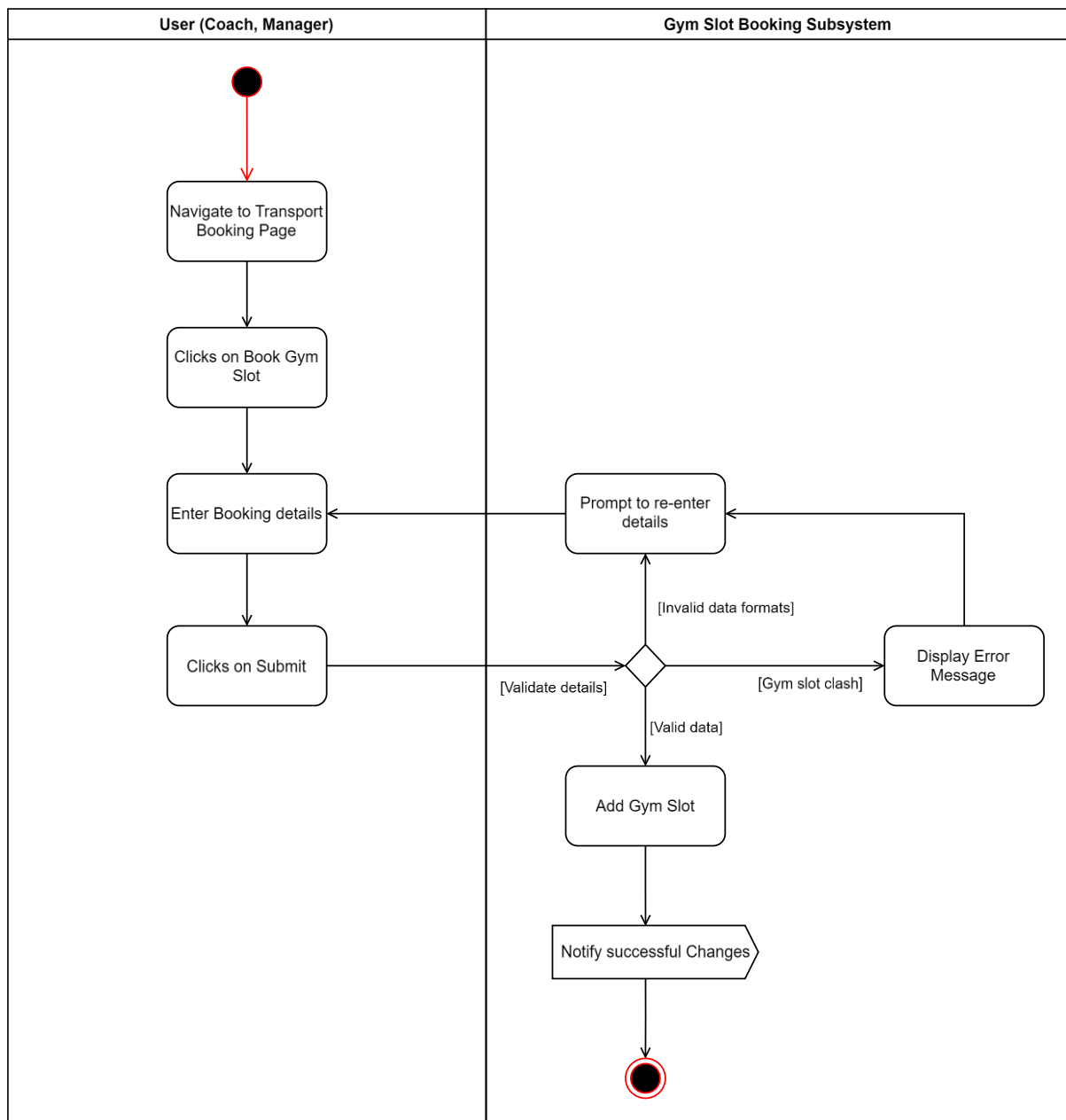


Gym Slot Booking Subsystem

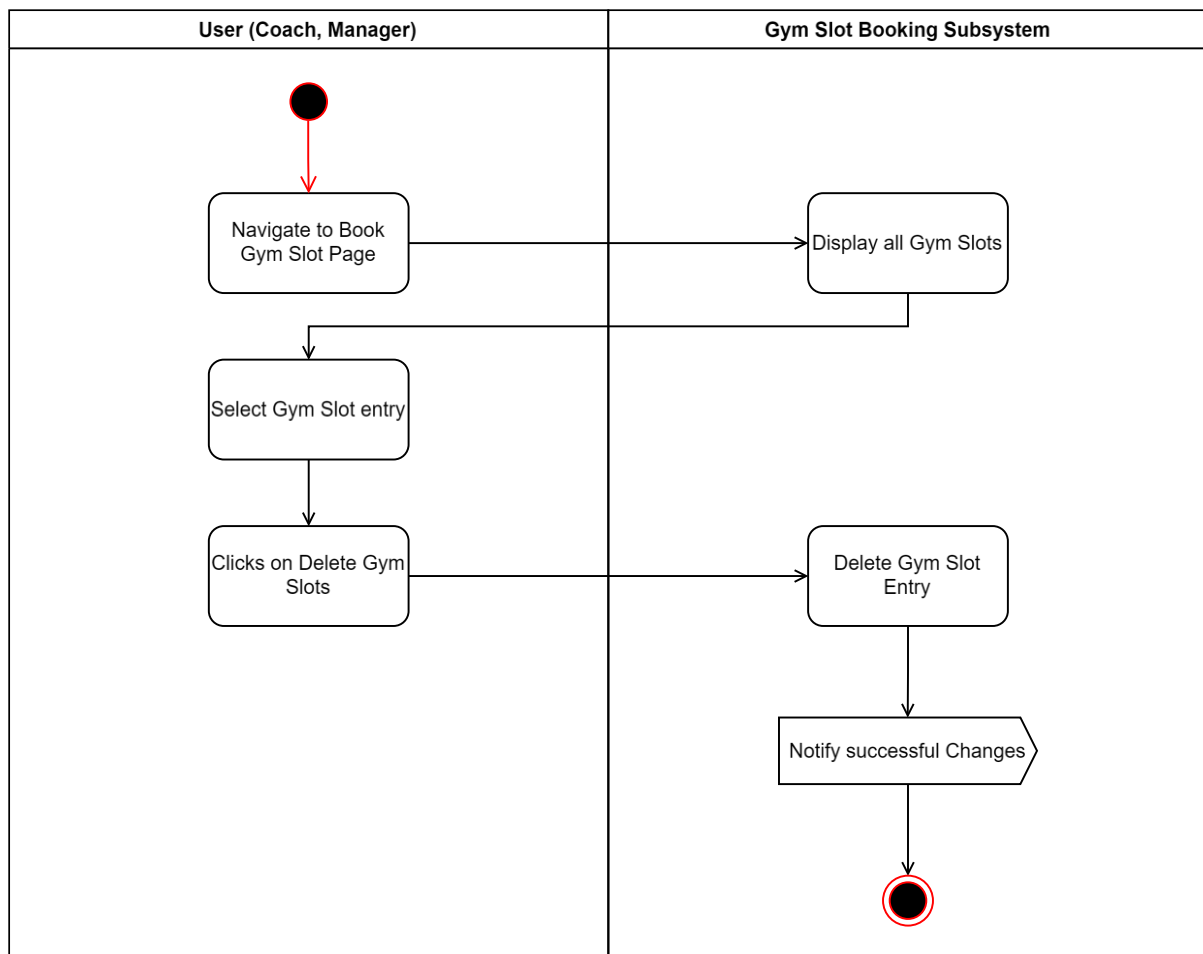
Use Case: View Gym Slot Availability



Use Case: Book Gym Slot

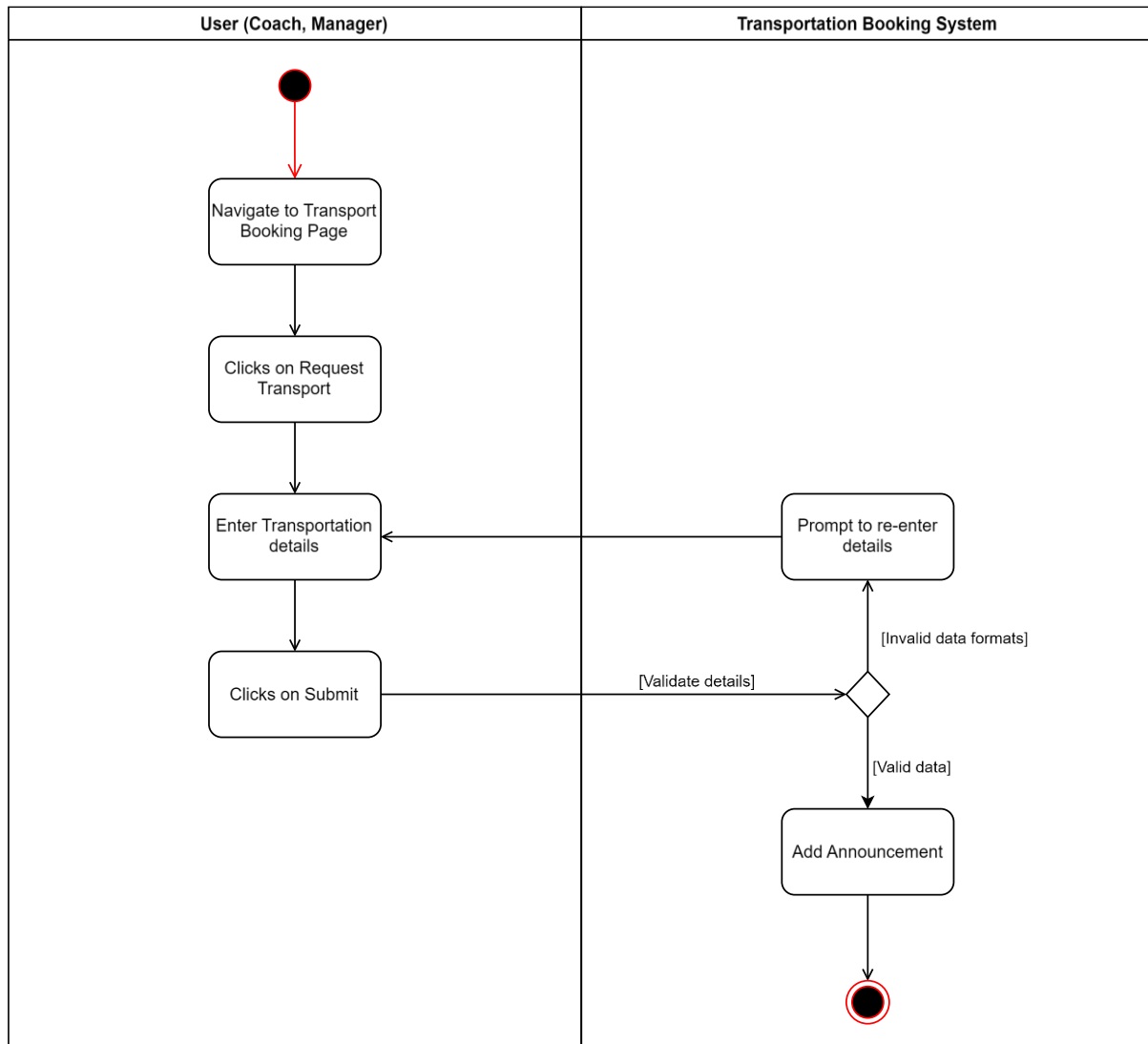


Use Case: Cancel Gym Slot Booking

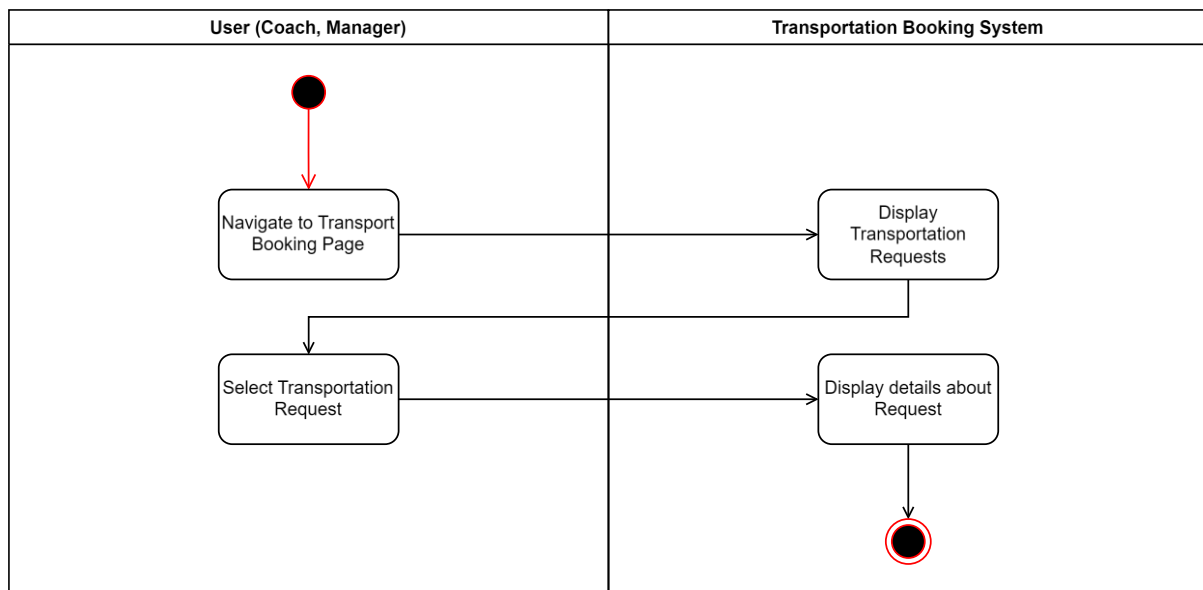


Transportation Booking Subsystem

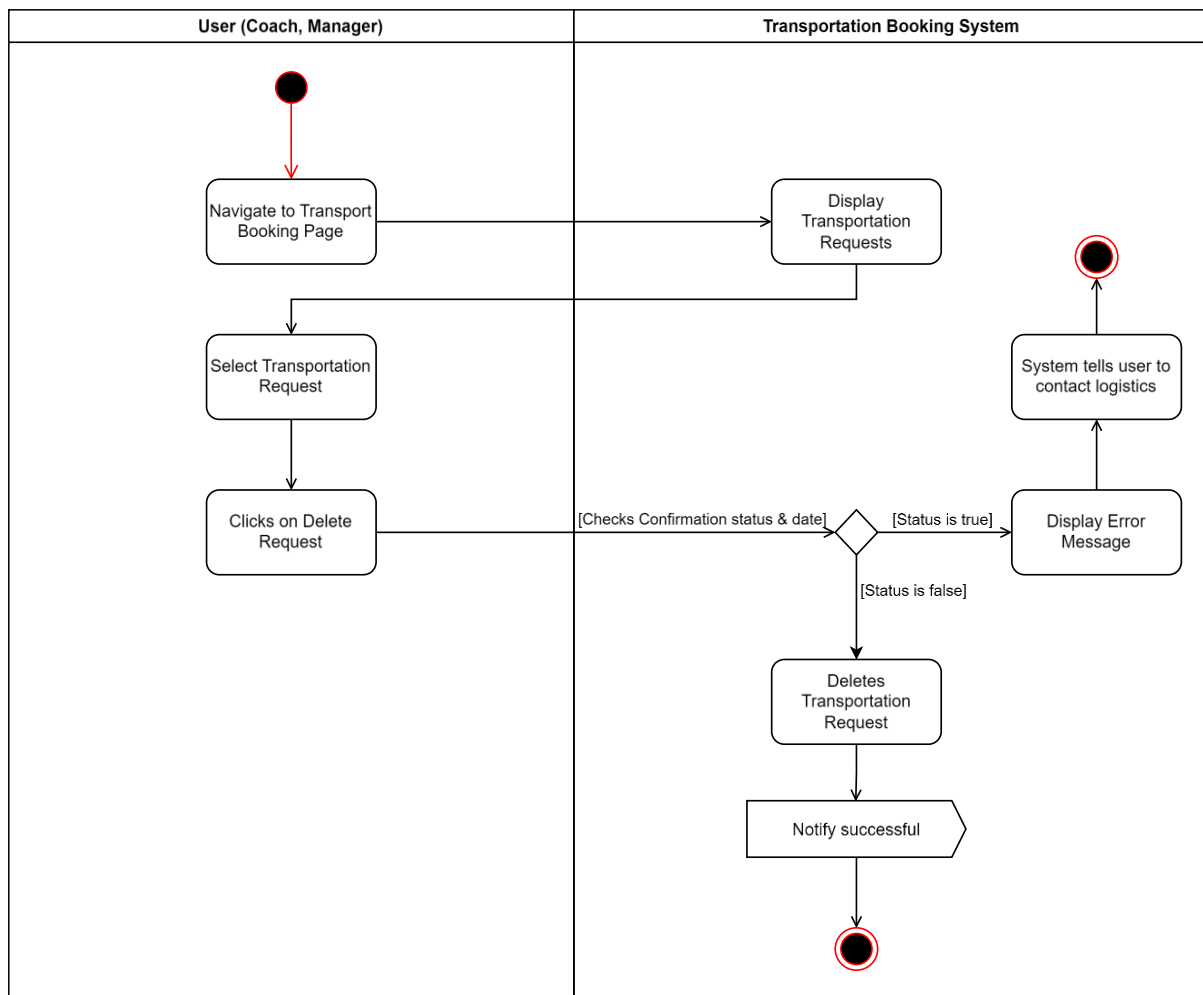
Use Case: Submit Transportation Request



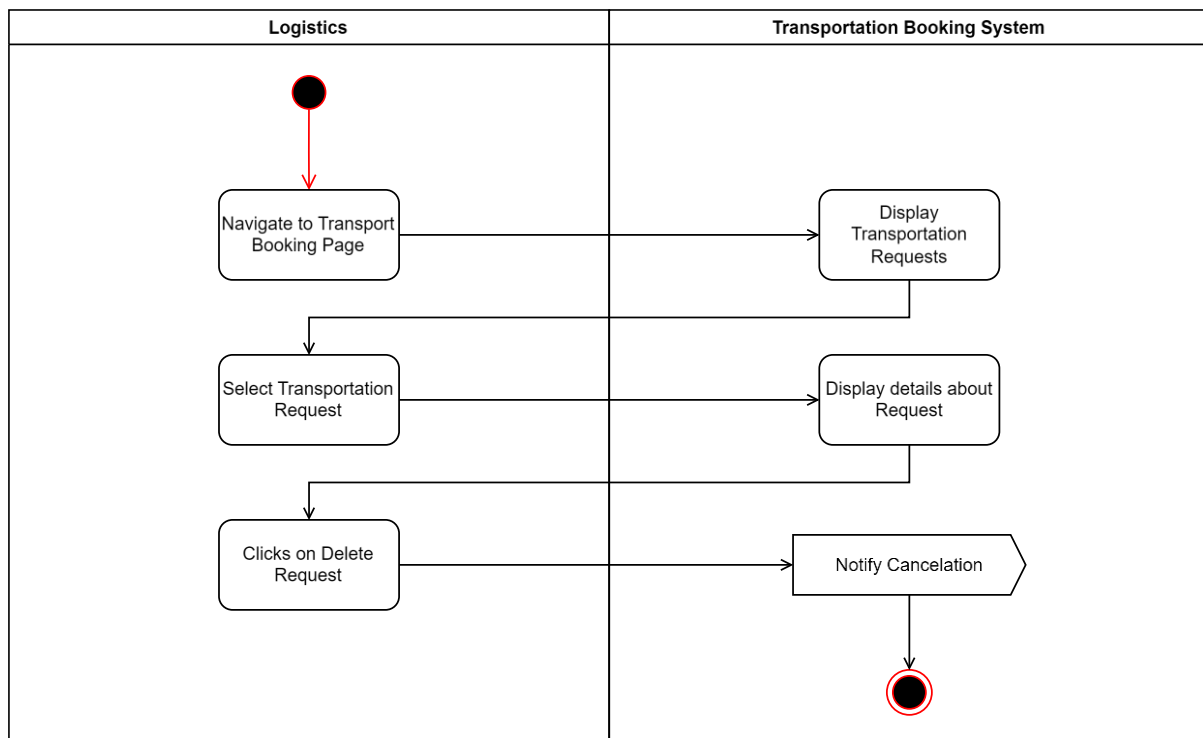
Use Case: View Transportation Request



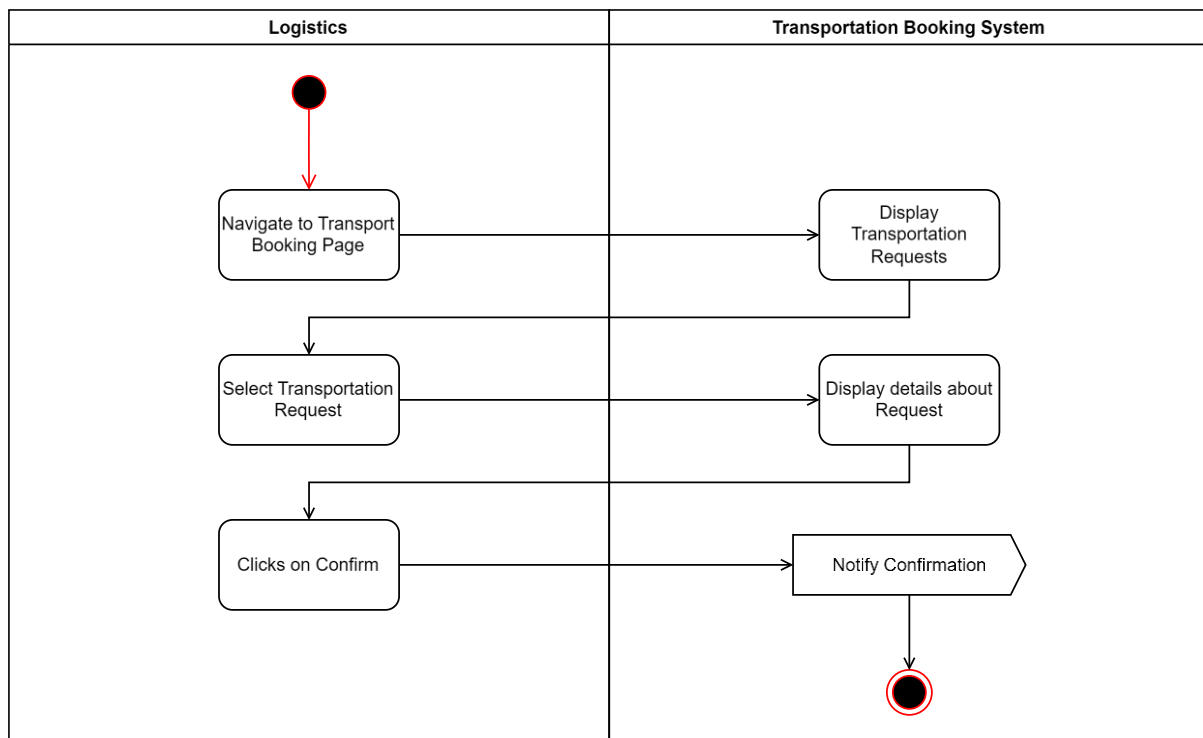
Use Case: Delete Transportation Request



Use Case: Cancel Booking



Use Case: Submit Transportation Confirmation



Database Design

