Test Case for Appointment Management System

Test Case 1: User Sign In

- **Test Case ID:** TC-001
- **Description:** Verify that the user can sign in with valid credentials.
- **Preconditions:** User account exists with valid credentials.
- **Steps:**
    1. Navigate to the sign-in page (/accounts/signin/).
    2. Enter valid email and password.
    3. Click "Sign In".
- **Expected Result:** User is authenticated successfully and redirected to the dashboard.
- **Post-conditions:** User is logged into the system.

Test Case 2: View Dashboard Events

- **Test Case ID:** TC-002
- **Description:** Verify that the dashboard displays all user-related events.
- **Preconditions:** User has at least one event created.
- **Steps:**
    1. Sign in to the application.
    2. Navigate to the dashboard.(/).
- **Expected Result:** Dashboard displays total events, running events, and latest events associated with the user.
- **Post-conditions:** Events are displayed accurately.

Test Case 3: Create New Event

- **Test Case ID:** TC-003
- **Description:** Verify that a user can create a new event.
- **Preconditions:** User is signed in.
- **Steps:**
    1. Go to the calendar view and open the event creation form.(/calender/)
    2. Fill in event details (title, description, start time, end time).
    3. Submit the form.
- **Expected Result:** Event is created successfully and added to the user's events.
- **Post-conditions:** Event is saved in the database and displayed in the calendar view.

Test Case 4: Edit Event

- **Test Case ID:** TC-004
- **Description:** Verify that a user can edit an existing event.
- **Preconditions:** An event exists for the user.
- **Steps:**
    1. Navigate to the calendar view and select an event.(/calender/)
    2. Open the edit form and modify event details with next day or next week.
    3. Delete Previous Appointment
    4. Submit the updated form.
- **Expected Result:** Event is updated with new details and displayed in the calendar view.
- **Post-conditions:** Event updates are reflected in the database.

Test Case 5: Delete Event

- **Test Case ID:** TC-005
- **Description:** Verify that a user can delete an event.
- **Preconditions:** An event exists for the user.
- **Steps:**
    1. Navigate to the event details view.(/calender/)
    2. Click the delete option and confirm the deletion.
- **Expected Result:** Event is deleted and no longer visible in the calendar view.
- **Post-conditions:** Event is removed from the database.

Test Case 6: Calendar Navigation - Next Day

- **Test Case ID:** TC-006
- **Description:** Verify that a user can navigate the calendar view to the next day.
- **Preconditions:** An event exists for the current date.
- **Steps:**
    1. Navigate to the calendar view.(/calender/)
    2. Click on the "Next Day" button.
- **Expected Result:** Calendar updates to show events for the next day.
- **Post-conditions:** Calendar view reflects the updated day.

Test Case 7: Calendar Navigation - Next Week

- **Test Case ID:** TC-007
- **Description:** Verify that a user can navigate the calendar view to the next week.
- **Preconditions:** An event exists within the next week.
- **Steps:**
    1. Navigate to the calendar view.(/calender/)
    2. Click on the "Next Week" button.
- **Expected Result:** Calendar updates to show events for the next week.
- **Post-conditions:** Calendar view reflects the updated week.

Test Case 8: View All Events List

- **Test Case ID:** TC-008
- **Description:** Verify that the user can view a list of all events.
- **Preconditions:** At least one event exists.
- **Steps:**
    1. Navigate to the "All Events" view.(/all-event-list/)
- **Expected Result:** A list of all events associated with the user is displayed.
- **Post-conditions:** Event list is shown correctly.

Test Case 9: Running Events List

- **Test Case ID:** TC-009
- **Description:** Verify that the user can view a list of currently running events.
- **Preconditions:** At least one ongoing event exists.
- **Steps:**
    1. Navigate to the "Running Events" view.(/running-event-list/)
- **Expected Result:** List of currently running events is displayed.
- **Post-conditions:** Only active and ongoing events are displayed.