*Admin Login use case*

*Flows of events*

**Primary Flow**

The steps for the primary flow of events include:

1. The use case begins when the Admin **starts the application**.
2. The Admin enters the ID and password to login.
3. The system confirms validity of the entered data. (connected mode)

E1: No account found with given data.

1. The system shows the Admin account page contains (new submitted papers, available dates of conferences, dates of reviewers). (connected mode)

A1: assign an available reviewer to review a specific paper in an available date.

A2: press view all reviewers.

A3: press view all Authors.

**Alternate Flows**

**A1: assign an available reviewer to review a specific paper in an available date**

1. System displays all new submitted papers (with ID and Title and category), all available reviewers, all available dates of conferences.

A4: press assign reviewer.

**A2: press view all reviewers** (disconnected mode)

1. System displays all reviewers in the database.

A5: Remove a reviewer.

**A3: press view all Authors** (disconnected mode)

1. System displays all authors in the database.

A6: Remove an author.

**A4: press assign reviewer**

1. System displays a table contains available reviewers, available dates and new submitted papers.
2. Admin selects available date.
3. System displays reviewers who are available in the selected date.
4. Admin selects a reviewer, and a paper then press save.
5. System adds the new assignment to the database.

**A5, A6: Remove a reviewer or author**

1. Admin selects an author, or a reviewer and press delete.
2. System removes the selected one from database.

**Error Flows**

**E1: No account found with given data**

1. the system displays a message that the ID or password is wrong.
2. The flow returns to step 2 of primary flow.

* NOTE:
  + New tables needed:
    1. Admin
       - Contains admin’s data to sign in
    2. Dates
       - Date, available (Boolean value).
  + New columns needed:
    1. A Boolean attribute in “Paper” table to show if it has reviewer or not.
    2. Available time in “reviewer” table