The Movie Rental System is designed to facilitate the management of movie rentals for members and administrators. Each member is assigned a unique ID and their personal information, including name, address, and phone number, is securely stored. The system catalogs movies with details such as title, format, genre, director, cast, quantity, and availability status.

Members can check out movies for a standard period of 7 days (with an option to extend for an additional 3 days). Each checkout is recorded with relevant dates and will eventually include late return fines and payment records.

Administrators have a dedicated login that allows them to manage member information, add new movies to the genre, and facilitate movie checkouts.

Each member must have a unique **Member ID**.

* Store the following member information:
  + **First Name**
  + **Last Name**
  + **Address**:
    - Street
    - City
    - State
    - Zip Code
  + **Phone Number**

Each movie must have the following attributes:

* + **Title**
  + **Disc Format** (e.g., DVD, Blu-ray)
  + **Genre**
  + **Director** (Author)
  + **List of Actors** (including first and last names)
  + **Quantity Available**
  + **Availability Status** (indicating if the movie is rentable)

**3. Rental Policy**

* Movies can be rented for a standard period of **7 days**.
* An extension of the rental period by an additional **3 days** is permitted.

**4. Checkout Records**

* Each member must have a **Checkout Record** that tracks all rental activities.
* A checkout record consists of multiple **Checkout Entries**, which include:
  + **Item Checked Out** (movie)
  + **Date of Checkout**
  + **Due Date**
* Future updates will include:
  + **Fines for Late Returns**
  + **Dates of Payments**

**5. Administrator Access**

* Administrators must log in to access the system.
* Administrator capabilities include:
  + Adding or editing member information.
  + Adding movies to the catalog.
  + Checking out movies on behalf of members.