TY BTech(CSE)-II 5CS372 : Advanced Database System Lab. * LA3 (ESE) MAY 2022 * Paper Code : ADS5M17

Consider the database for a video store. Assume that the database contains a table that stores the information about the videos rented by customers — call it Rent_Info. This table has at least the following fields: customer name, date out, date due in, date returned (a video may be returned in time, early or late) and fine (customers are charged a fine if the return date is after the date due in). When a video is rented by a customer, a tuple is inserted in Rent_Info; this tuple contains the name of the customer, the date out and the date due in. When a video is returned, the return date is updated from NULL to the current date. The fine (penalty) is charged as follows :

- for the first 3 days of delay, charge one Pound per day;
- for the following 3 days charge 2 Pounds per day;
- after 6 days charge a fine of 3 Pounds per day.

Design and develop the Web enabled application to perform the following task :

1. Entry of customer when video is rented
2. Entry of customer when video is returned
3. List of customers not return the video
4. List of customers with fine(penalty) charged

Note : Use n-tier architecture

Technology stack : C#/ASP.NET / Oracle / MySQL / Bootstrap v5.0, look and feel UI template