

THE OPEN UNIVERSITY OF TANZANIA
OIT 111/131 ASSIGNMENT PRACTICAL 1 AND 2
2022

Note:

- This assignment has a total of 50 marks. The total marks scored by a student will be divided among assignments 1 and 2 respectively.
 - Send your completed word format assignment documents to **elizabeth.isaya@out.ac.tz** by **4th March 2022**. Take note of the deadline.
 - Make sure to write your name and your registration number on your assignment document. Also, in the subject section of the email write OIT 111/131 assignment for (your name) e.g. OIT 111 assignment for Elizabeth Isaya or OIT 131 assignment for Elizabeth Isaya
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A video movie rental store is using a relational database to store information on movie rentals to answer customer questions. Each entry in the database contains the following items: Movie ID No. (primary key), Movie Title, Year Made, Movie Type, MPAA Rating, Number of Copies on Hand, and Quantity Owned. Movie types are comedy, family, drama, horror, science fiction, and western. MPAA ratings are G, PG, PG-13, R, NC-17, and NR (not rated). Also the movie rental keeps records of its customers; customer ID, First name, last name, sex, date of renting a movie, date of returning a movie, fee paid, number of days exceeded and penalty fee. A customer can rent at most 2 movies at one time for 3 days. Each ordinary movie costs TZS 5000 for the three rental days, any additional day a penalty fee of TZS 2000 will be incurred. For new movies or movies that are less than a month since being released, TZS 8000 will be paid for each of these movies being rented.

1. Develop a data model for the above description
2. Use Ms Access to build a data-entry screen to enter this data.
3. Develop a report that provides renting information to help management make the business more competitive and profitable. The following items should appear on the report;
 - Customer ID
 - Sex
 - Date of renting a movie
 - Date of returning a movie
 - Fee paid
 - Number of days exceeded
 - Penalty fee
 - Movie title
 - Movie Type

Provide a screen short of the report.

4. Discuss briefly what the database information in the report generated reveals about the current business situation