EirVid Movie Rental System

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GitHub Link:
https://github.com/MUHAMMAD145/EirVid_movie_rental_system

<p style="text-align: center;"><u>EirVid Movie Rental System</u></p>

<u>Introduction:</u>

The main objective of the system is to provide users an interface to manage all the aspects of EirVid Movie rental, Manage customer data and EirVid Movie inventory. This is a simple User interface developed in core java that enables the user to log in and rent EirVid Movie of his choice. The system shall allow the user to rent a EirVid Movie and return it back. The EirVid Movie rental application shall hold the information about customer like the customer email , password, the name of the EirVid Movie and the price of the EirVid Movie. The system shall check for the availability of the EirVid Movie and can issue the EirVid Movie to the customer. It shall also have the information about the cost of each EirVid Movie rented. This Application is developed using Core java and has connectivity to CSV file.

<u>Solution in Proposed System:</u>

This is a simple interface written in core java which could help the user at the rental application to track all the rented EirVid Movies. The user has to log in to the system. The user can view all the EirVid Movies that are rented in a list view. Each record consists of the name of the EirVid Movie, the customer name and the EirVid Movie rental cost. The user also can view all the EirVid Movies that exists in the centre. It is a huge repository of EirVid Movies. These details will be stored in the customer detail in the CSV file. Each EirVid Movie will have the name, and the price on which EirVid Movie is rented with the customer name. If the customer exceeds certain rental period then a small fine shall be collected from the customer. The admin has the option to add new EirVid Movies to the csv file. He also has an option to edit the details of EirVid Movie.

System Specifications:

Login: This module shall have the details regarding user login. It checks for validuser based on the user email and password details specified.

EirVid Movie details: This module shall have the data such as EirVid Movie name and the customer name who has rented the EirVid Movie.

It also includes the rental cost for the EirVid Movie. It also records the fine which should be paid if the EirVid Movie is returned after the due date.

Hardware configuration

- RAM   8 GB RAM

- Monitor   15 inch color

- Hard disk   500 GB

Software configuration

- Operating system   Windows 10

- Language   Core java

Software used:

NetBeans is an open-source, Integrated Development Environment (IDE)

that is developed in Java and is used to design, debug and deploy

software applications that run on desktop, web, and mobile.

References:

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