

Homework-3

Object Oriented Analysis and Design.

Submitted by Dheeraj Chinni Ranga

In the assignment, I have created packages called Datatypes, Models, services and testUtils. Datatypes define the customer names, inventory status, and Video details along with their rate. It also created a rental log.

In Models there are different tables just like in database which maintains details like Customer names, Inventory details, Rental log table, System data and video table.

Service is the place where all action takes place. It takes the customer randomly and rents the videos according to his category.

I have created a csv files for customer, data, inventories, rental logs, and videos and its rates. The rental activity will be actively uploaded to the rentallogs.csv. Instead of creating database I actively updated the csv file and got information from the csv for creating the 35 days rental.

The rental log will be created in the BusinessStatusReport.html, and the daily rental log will be created in the .txt file. The html page will have all details of who rented when, total rental money etc...

Here is the class diagram of the entire system. (Next page)

To test the code please load the project in to eclipse and deleted the files if there are any in the database folder as well as the html page which has the whole report, after loading just run the file it will produce the html page with the rental log for 35 days. I am also attaching the Jpeg file of the class diagram as it is not looking very clear here.

