Altametrics

Program Maintaining CSV File Containing Employee Records

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STRATEGIC ENTERPRISE SOLUTIONS

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Below is the file name AllEmployee.csv that contain employee record. This csv file will keep on the resource folder. All error message will be keep in resource (error.csv) file.

AllEmployee.csv:

EmpId	FirstName	LastName	DepartMent
101	Sadim	Nadeem	Dev
102	Rahul123	Sharma	Ps
103	Monark	Bhatiya	QA
104	Vasim	Khan	Dev
105	Chetan	Pal	Admin
106	Sadeep	Dubey	Dev

Red color Record is invalid

You need to perform following operation below.

a) **Command should be in this format**

Add~1~Manoj~Sharma~Dev

One Record added Successfully

Update~1~ModifyFirstName~Mohit~PS

One Record updated Successfully

Delete~1

One Record deleted Successfully

Delete~All

Delete~1~5

Print~All

Print~1~5

Print~1

Print~firstName~Sohan~DEV

Print~lastName~Sharma~QA

After doing all the operation commit command will be given after which file is modified, before that all the modifications are to be done on hash/vector ie we don't write/delete after every command into CSV file ,we do updation in file only after commit command and then all the records in all the files will be displayed on Console and then program will exit.

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All these operations need to be performed on collections, that is, on Hashtable and vector.

- If Employee record which is going to updated and deleted not present in the collection, return an error message.
- Validate each command and number of parameters.

Please try to finish this assignment by EOD.

Hints:

Use Factory Pattern

Design addEmployee() , deleteEmployee () , updateEmployee() , printEmploye() and all method will work according to given parameter using concept of method overloading.

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