



Let's Solve



Celebrating 20 Years

Core Java Mini Project



Larsen & Toubro
Group Company

Problem Statement

- US government identified that the number of complaints from customers holding accounts in the different banks increased dramatically in last few years
- To help the government understand and also improve the services in future, they have asked us to develop an application to help them analyse the common trends and issues customers faced based on historical data shared with us

Objective

- You will be responsible for developing this application using Java technology
- The data we need to analyze has been shared as a .csv file (complaints.csv)
- As part of the process, you will be working as an Agile team to deliver the required solution

Agile Methodology

- Each team will consist of 2-3 members
- One person in the team will also play the role of the Scrum Master
- Only the Scrum Master should communicate with the Product Owner for further elicitation
- Scrum Master is responsible for submitting the following documents to the Product Owner
 - Release Plan
 - 2 Status Reports (Every 120 mins duration)

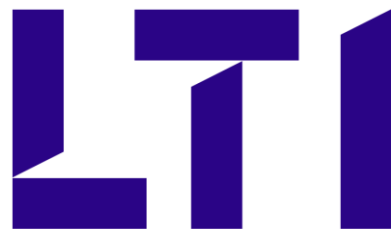
User Stories

Story	Priority
Display all the complaints based on the year provided by the user	High
Display all the complaints based on the name of the bank provided by the user	High
Display complaints based on the complaint id provided by the user	High
Display number of days took by the Bank to close the complaint	Medium
Display all the complaints closed/closed with explanation	Medium
Display all the complaints which received a timely response	Medium
Take input from user for storing new complaints	Low

Java Pointers

- Since complaints.csv is a huge file, it should not be read again and again by the Java application to perform various functionality
- This application will be a standalone Java application. You can use any third party library like JXLS/JExcel/... for reading the CSV file
- Please focus on modularity. The code to load the file should be in a different class and the functionality to execute the different user stories in another, and finally a main class with the code for user interaction

All the Best!



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