



Let's Solve



Celebrating 20 Years

# Core Java Mini Project



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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**)

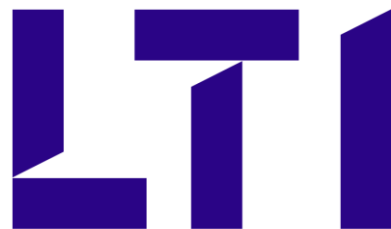
# User Stories

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 for reading the CSV file if required
- **Please focus on modularity**
  - The code to load the file in memory should be in a different class
  - The various methods to execute the different user stories in another class
  - And finally a main class with the code for user interaction

All the Best!



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