Quick Revisit till Day 4

OOAD, Maven

OOAD – Object Oriented Analysis, Design – It's a methodology to create, design the Application using object oriented approach. – Represent our project with the help of different type of diagram.

UML – Unified Modelling Lang – Class Diagram, Use-case diagram, ER Diagram,

Maven – It's a Open Source Project Management Tool (Build, Clean, Test, Package, Dependency Mgmt, deploy)

Maven Folder Structure - root folder – src ---- main –java (package and source codes)

---- test – java (All the unit test codes)

Target – this folder will be created after building the project (jar file of application)

Mvnrepository – Cloud location where all the jar files are present.

Day 2 : Git, Jenkins

Git : Git

Local Repository

Remote Repository

Config git (username, email)

Jenkins – Automation Server

Pipeline (jenkinsfile) – Groovy script

Mono Repo concepts

Branching strategy

Class Room Training –

Bitbucket repo -→ classroom_training (main)

Git config --global user.email <publicis_email_id>

Git config --global user.name <user_name> (LL_id)

Day 3 Mongo DB

DBMS, RDBMS, SQL, No-SQL

CRUD Operations in MongoDB using Mongo Shell, MongoCompass and Java.

BSON, JSON

Index, CAP Theorem

Day 4 Core JAVA Collections, [List, Set, Queue]

Cohesive Applications, Loosely Coupled Applications (Micro-Service Based Apps)

CRUD operation using MySQL

Day 5 RDBMS, MySQL

JDBC API (java.sql package)

1) Driver
2) Statement/PreparedStatement/CallableStatement
3) ResultSet
4) Connection
5) Database/ResultSetMetaData

1) DriverManager
2) Date

- Update JIRA Borad (Close all the sub-task)
- Upload the code, documents to bitbucket and confluence.
- Complete the week1 activity for TMS (Creating UML diagrams, Creating Entities in MySQL & Documents in MongoDB, Create a Simple CLI program to perform various operation on TMS[adding trainer, adding toc, adding company, Approve/Reject TOC, Assigning Trainer, updating all entities] (always do soft delete)
- Upload all the Morning session codes and/or documents to classroom-training repo (Mono Repo)
- Upload all the code and/or documents that you have worked in your confluent or bitbucket conceptual-problem-statement repo. (Branching Strategy)
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