**Document about the Assignment given my Fitpeo**

**prerequisites:**

1. Java Development Kit (JDK):

For this project, I used JDK 17

and Java as a programming language.

2. IDE:

I used ECLIPSE IDE Version: 2022-06 (4.24.0)

and Created Maven with Java project to maintain dependencies easily by POM.xml file

**Project Structure:**

FitPeo

├── src

│ └── test

│ └── java

│ └── FitPeoRevenueCalculator.java

├── pom.xml

├── testng.xml

**POM.XML file structure :**

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>Fitpeo</groupId>

<artifactId>Fitpeo.Revenue.Calculator</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

<dependency>

<groupId>org.seleniumhq.selenium</groupId>

<artifactId>selenium-java</artifactId>

<version>4.18.0</version>

</dependency>

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.4.0</version>

<scope>compile</scope>

</dependency>

</dependencies>

</project>

3. **Selenium WebDriver:** I used the Selenium WebDriver version (4.18.0)

4. **Script execution:**   
 For this project, I used the TestNG framework so it can be executed by using testng.xml file

Or We can run it as a simple TestNG file

**testng.xml file structure :**

<?xml version="1.0" encoding="UTF-8"?>

<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">

<suite name="Fitepeo">

<test thread-count="5" name="Test">

<classes>

<class name="calulator.revenue.fitpeo.FitpeoRevenueCalculator"/>

</classes>

</test> <!-- Test -->

</suite> <!-- Fitepeo -->

**NOTE:** According to the requirement of an assignment ‘Total Recurring Reimbursement for all Patients Per Month = $110700’ but as per the 6th step of the requirement if the slider value is set to 560 then the ‘Total Recurring Reimbursement for all Patients Per Month = $75600’.  
  
To get the exact number specified in the requirement the slider must be set to 820

So, the Requirement needs to be updated for the proper validation.