**Assignment – 1**

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| **Student Name/ID Number:** | Francis Roel L. Abarca | bdse-0922-113 |
| **Academic Year:** | 2022-2023 |
| **Unit Assessor:** | Archana Sakpal |
| **Project Title:** | Assignment1– Inversion of Control & DI |
| **Issue Date:** | 4/11/2023 |
| **Submission Date:** | 4/11/2023 |
| **Internal Verifier Name** | Archana Sakpal |
| **Date:** | 4/11/2023 |

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| **Learner declaration** |
| I certify that the work submitted for this assignment is my own and research sources are fully acknowledged.  Student signature: Date: 4/11/2023 |

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| **Module No:** | 1 | **IU No:** | 2 | **Exercise No.** | 1 |

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| **Lab Assessment Statement** | **Assignment 2 - Spring MVC**  **You are developing a "Know-Your-Neighborhood" application. The goal of this application is to provide details on all stores in the users neighborhood. For this to happen, the application should have a list of stores in the town. Hence, develop Entity, Controller, Service and DAO classes to add store to the system.**   1. **Create the Store Entity object with below fields.**    1. **String name**    2. **String phone\_number**    3. **String[] localities // list of areas or localities the store serves** 2. **Develop a Controller class with a method to add Store to the system with POST HTTP method.  http://<host>:<port>/stores** 3. **Develop a Service class to add Store to the repository** 4. **Develop a DAO class that just adds given store to the list of stores maintained.**    1. **We didn’t go through the database module yet.**    2. **So just maintain a list of stores as a field (i.e., member variable) in DAO class.**    3. **Add a store object to that list.** |
| **Technical Environment** | - |
| **Guidelines** | - |
| **Duration** | 120 mins |

Solution: