# ABC’s Inventory Management System

## Technical Competency Demonstrator

ABC’s Inventory Management system does not require to handle large scale data as the company only has 2 stores and 1 warehouse. The company’s 5-year plan only indicates it opening 3 new stores. Taking this into consideration, the technologies required to build a small-scale application are Core Java, MySQL database management system and XML. The following are the technical competency of the team members:

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| Technology | Description | Competency | Projects |
| Core Java | Use of Java class, methods, loops, conditional statements, data structures, inheritance, polymorphism, types of classes, threads, database connection, JavaFX UI Controls and Multimedia, Collections framework and so on. | Experienced | * Done extensive projects using core Java in semesters 201730 and 201760. |
| MySQL | Schemas, Queries, Tables, Primary Key, Foreign Key | Experienced | * Done projects to build basic database application using java in semester 201760 * Course on introduction to Relational Databases and MySQL in semester 201660. |
| XML | Elements, Attributes, DOM, Tags | Beginner | * Introduction to XML course from Lynda.com |