**Software Architecture Coursework Specification**

**Chapter 1 – Deciding an Architecture:**

Section 1 – Understanding the Project:

When starting work on a new project requiring the use of design architectures, multiple potential architectures should be compared and evaluated to ensure the use of one which best fits the scope and confines of the project. The context of this project is a development bid for a distributed system to be used as a retail management network, used to provide better coordination for business being done. The system is named “DE-Store” and must be able to handle; modification of item prices and deals, inventory/stock management, a customer loyalty card system, interconnectivity to an online finance payment portal for approving customer finance choices, and lastly, the tracking of customer activity for use in reports for store performance analysis.

Section 2 - Potential Architectures:

Three-tiered (Using this one!) [Week 9 Notes]

The first and most immediate architecture taken into consideration is three-tiered architecture. Three-tier architecture is a variant of Multi-tier architecture (also known as n-tier architecture), an architecture which focuses on a modular approach to development.

Write about three-tiered architecture

Client/Server [Week 5 Notes]

Write about Client/Server

Section 3 – Selecting an Architecture:

Make choice and explain why the choice was made

**Chapter 2 – Designing the System:**

Section 1 - TitleHere:

ContentHere

**Chapter 3 – Implementing the Prototype:**

Section 1 - TitleHere:

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**Chapter 4 – Evaluating the Prototype:**

Section 1 - TitleHere:

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