C H A P T E R F O U R

CHAPTER ONE: **Development Requirement**

In this chapter you will learn:

1. Domain analysis.
2. Customer problem
3. What is requirement , the types of requirements.(functional,quality, process and platform)
4. How to model the requirements in **usecase.**

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| Paragraph No. | Paragraph Name | Soft Page No. | Hard page No. | Questions |
| 4.1 | Domain analysis | 136-137 | 109-110 | SW engineers should be expert in the domain he develops a system? (T,F) |
| 4.2 | The starting point for SW Projects.  Figure 4.1 | 141 | 114 | Solve E.53 (A) : Police Information System . Note: see appendix C page:506  Solve E53 B |
| 4.3 | Define the problem and score.  Problem? Narrowing? Example 4.3 | 142-144 | 115-117 | Solve E.55  What is problem? How the problem should be written?  A good problem statement is short and succinct.(T,F) |
| 4.4 | What is requirement?  Just definition | 146 | 119 |  |
| 4.5 | Types of Requirements  Functional vs Non functional (Quality, platform process)  Example 4.7 | 147-152 | 120-125 | Type of requirement.  One of the most important things about quality requirement is to make them verifiable. Justify with example |
| 4.6 | Usecase: | 154-155 | 127-128 |  |
|  | Building usecase model.  Usecase diagram .  Extension, generalization, include (figures are important)  Example 4.14 | 156-159  159-163 | 129-132  132-136 | What is usecase ? usecase diagram ? how describe it? |
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