Test or experiment Name: PROJECT DESIGN 02

1. 实验目的 Purpose of the test or experiment

1) Train OOAD Modeling Using Java

2) Implement OOAD Design Using Java

3) Depict and Execute all Phases of Software Engineering

2. 实验环境 Computer requirement or environment of your test or experiment

1) Rational Rose, Visual Paradigm, Excel

2) JDK, JRE, ECLIPSE, NETBEANS

3) LAPTOP, PC, WINDOW, MAC, LINUX

3. 实验内容 Contents of your test or experiment

1) Requirement, Design, Implement, Testing, Document.

2) Use Case, Class, State, Activity, Component, Deployment, Time Modeling

3) Pattern, Coding, Testing, Document, PPT, and Presentation.

4. 实验步骤 Steps of your test or experiment

1) Complete All phases of Software Engineering

2) Select appropriate pattern or design one

3) Implement and test in java using OOAD principles

4) Deploy and demonstrate the project of Final acceptance.

5. 实验方式 Method of your test or experiment

1) Case study and tutorial guide to learn the concept.

2) Sample live project to simulate the real time application.

3) Student to have their own project and implement as per the 1 and 2 steps.

4) Try in legacy system and then in real environment with proper documentation.

6. 参考内容 Reference of your test or experiment

1) Java Sample   and case study

2) OOAD Principles Sample and case study.

7. 相关软件下载 Websites of related software needed for your test or experiment

1. www.sun.java.com 2. www.oracle.java.com

8. 实验报告要求 requirement of the experiment reports for this test or experiment

1) Requirement phase

2) Design Phase

3) Code, testing, tutorial, and troubleshooting.