**Systems Analysis Project**

**Semester:** 1st Semester **CPS:** 510  **Team No:** 18\_FA\_SA\_T6

**Project Name:** Online Store Management System

**Team Members:** Vamsi Charan Adari **Team Leader**

Zeel Sureshbhai Prajapati

Romana Khatoon

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|  | **Team Profile** (max two pages**)** |  |  |
|  | **Project Metrics** |  |  |
|  | **Details of Phase I and**  **Phase II Revisions** |  |  |
|  | **Phase I and II Grade Sheets** (old TOC) |  |  |
|  | **Presentation Slides** PPT |  |  |
| **A** | **PROJECT DOCUMENT** | **Page No** | **Comments** |
| 1 | **Project Statement**  **Main Functions**  **Research** &similar software in use or development (public domain, GitHub etc.)  **Development Platform, Language, IDE**  **Importance of the Project** | 1 |  |
| 2 | **Process Description**  (detailed ~20 Pages) |  |  |
| 3 | **Work Assignments to Team Members**  PERT/Gantt Charts  Coordination and Integration Process |  |  |
| 4 | **Requirements Specification**  **by Use Case Diagrams:**  **Use Case Diagrams**  **Use case Descriptions**  **Activity Diagrams**  **Screens/Reports**  Statecharts | ------- |  |
| **B** | **Analysis Models: DFD, Object-oriented Analysis and Design and  E-R Models** | ------- |  |
| 5 | **DFD**  Context Level DFD  Detail Data Flow Diagrams  Total No of Processes  No of Structured English – written  No of Pseudocodes – written  No of Data Flows – defined  No of Data Stores –defined  Decision Tables / Decision Trees  **No of E-R Diagrams**  Total Entities in the above ER diagrams  **Domain Class Diagrams**  Total no of classes defined in the Domain Class Diagrams  Activity Diagrams  Statecharts | ------ |  |
| **C** | **Design Models:  Object-oriented Design** | ------- |  |
| 6 | ***Use Case Realization: UML Model by use cases***  Total no of System Sequence Diagrams (SSD)  Modified Domain Class Diagrams  CRC Cards  Detailed Sequence Diagrams  Design Class Diagrams (updated domain class diagrams)  Activity Diagrams  Statecharts  Component Diagrams  Deployment Diagram and/or  System Flow Chart | -------- |  |
| **D** | **Implementation** | -------- |  |
| 7 | **Code Organization by Member, Modules: Language**  Project Directory and contents  Snapshot  Navigation Chart and other code traversal diagrams  Programs, Author and size in LOC  **Borrowed code, description, LOC, source, URL**  **Test Cases and Reports** | ---------- |  |
| 8 | **User Guide**/**Installation Guide** |  |  |
| **E** | **ETHICAL DILEMMA** in this project |  |  |
| 9 | **Othe**r **documentation** and research pertaining to the project |  |  |
| **F** | **Project Evaluation** by the Team |  |  |