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| **Phase III: Status Report (1 of 3)** | | | | | |
|  |
| **Plan Tasks** | | **Completed By:** | **Week to Complete** | **Accomplishment** | **Challenges** |  |
| Part A: E-R diagram | ADDRESSES |  | Week 1: 11/19/23 - 11/25/23 |  |  |  |
| ORGANIZATION |  |
| MANUFACTURER |  |  |
| CTD\_GPS |  |
| CTD\_DATA |  |  |
| CTD\_OPERATOR |  |
| CTD\_EQUIPMENT |  |  |
| CTD\_LOG |  |
| Part B: Normalization | ADDRESSES |  |  |
| ORGANIZATION |  |
| MANUFACTURER |  |  |
| CTD\_GPS |  |
| CTD\_DATA |  |  |
| CTD\_OPERATOR |  |
| CTD\_EQUIPMENT |  |  |
| CTD\_LOG |  |
| Part C: Revised Relational Schema | ADDRESSES |  |  |
| ORGANIZATION |  |
| MANUFACTURER |  |  |
| CTD\_GPS |  |
| CTD\_DATA |  |  |
| CTD\_OPERATOR |  |
| CTD\_EQUIPMENT |  |  |
| CTD\_LOG |  |

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| **Phase III: Status Report (2 of 3)** | | | | | |
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| **Plan Tasks** | | **Completed By:** | **Week to Complete** | **Accomplishment** | **Challenges** |  |
| Part D: Front End Interface | **Home Page** |  | Week 2: 11/26/23 - 12/02/23 |  |  |
| Overview |
| Project Description |
| Members + Contacts |
| Logo + Team Name |
| Title |
| SQL Queries # 1 |  |
| SQL Queries # 2 |  |
| SQL Queries # 3 |  |
| SQL Queries # 4 |  |
| Part E: Project Documentation and Final Report | **Cover Page** |  |
| Logo + Team Name |
| Members + Contacts |
| **Final Report** |
| Introduction |
| Objectives and Scope of the Project |
| Related or Existing Solutions |
| Overview of the following: |  |
| Architecture or Design Diagrams |
| ER Diagram |  |
| Normalization Proof to BCNF |  |
| Relational Schema Diagram |  |
| SQL Queries |  |
| Web Interface |  |
| Conclusions with Contribution |  |
| Final Thoughts: Future Works and References |  |
| **Appendix** |  |
| Appendix A: ER Diagram |
| Appendix B: Normalization Proof to BCNF |
| Appendix C: Relational Schema Diagram |
| Appendix D: Screenshots of functional SQL Queries |
| Appendix E: Screenshots of functional Web Interface |
| Part F: Implementation and Coding |  |  |

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| **Phase III: Status Report (3 of 3)** | | | | | |
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| **Plan Tasks** | | **Completed By:** | **Week to Complete** | **Accomplishment** | **Challenges** |
| Part G: Prototype | **Slide #1** |  | Week 3: 12/03/23 - 12/08/23 |  |  |
| Logo + Team Name |
| Members + Contacts |
| **Slide #2** |
| Overview Include the following: |
| Objective: Why built this Application |
| Target Audience: Who will use our Application |
| Main Feature of Application |
| **Slide #3** |  |
| **ER design:** main entities and defend conceptual design |
| **Slide #4** |  |
| **Relational Schema:** any major differences between Phase II and Phase III schemas |
| **Slide #5** |  |
| **Normalization Proof:** Demonstrate that database is in BCNF, discuss 1 or 2 relations. |
| **Slide #6** |  |
| **Prototype/Demo:** Demo exhibiting working functionalities of the front-end. |
| **Slide #7** |  |
| **Conclusion/Challenges:** Any challenges and potential future work enhancements. |
| **Video Presentation** |  |
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