## PROJECT CHARTER

## **Version 1.0**

## **November , 2021**

## **Prepared for the Final Project ITMS 428/528 Database Security**PROJECT CHARTER



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| **Project Name: E-Commerce Project** | **Project Number: P001** |
| **Date: 11/08/2021** | **Revision Number: R1.0** |

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| 1. ***PROJECT GOALS*** | | | | | | |
| The E-commerce project was developed by ITMS 428/528 Database security students as their final project. Goal of the project to Implement seven NIST Special Publication 800-53 controls and build up the project on the tasks. | | | | | | |
| 1. ***DELIVERABLES*** | | | | | | |
| * Create Project Schedule  Create database with at least 7 tales and 1000+ entries, 5 users using MySQL Workbench and My SQLImplementation of NIST Special Publication 800-53 control AC-2 ACCOUNT MANAGEMENT  * Implementation of NIST Special Publication 800-53 control AC-5 SEPARATION OF DUTIES * Implementation of NIST Special Publication 800-53 control AC-8 SYSTEM USE NOTIFICATION * Implementation of NIST Special Publication 800-53 control AC-7 UNSUCCESSFUL LOGON ATTEMPT * Implementation of NIST Special Publication 800-53 control AT-4 SECURITY TRAINING RECORD * Implementation of NIST Special Publication 800-53 control AU-8 TIME STAMPS * Implementation of NIST Special Publication 800-53 CA-5 PLAN OF ACTION AND MILESTONE * Create Earned Value Management System (EVMS) * Create Risk Management Log * Create Project Management Plan * Overall Binding of project * Prepare the final presentation * Documentation | | | | | | |
| 1. ***PROJECT SCOPE*** | | | | | | |
| This E-commerce project will include:  Database with 7 tables (1000+ records) and 5 users, NIST Special Publication 800-53 controls (AC-2, AC-5, AC-8, AC-7, AT-4, AU8, CA-5), Project Management Plan, Earned Value Management System, Risk Management Plan | | | | | | |
| ***4. PROJECT MILESTONES*** | | | | | | |
| |  |  | | --- | --- | | Create database with at least 7 tales and 1000+ entries, 5 users | *11/17/2021* | | AC-2 ACCOUNT MANAGEMENT | *11/18/2021* | | AC-5 SEPARATION OF DUTIES | *11/18/2021* | | AC-8 SYSTEM USE NOTIFICATION | *11/18/2021* | | AC-7 UNSUCCESSFUL LOGON ATTEMPT | *11/19/2021* | | AT-4 SECURITY TRAINING RECORD | *11/19/2021* | | AU-8 TIME STAMPS | *11/19/2021* | | CA-5 PLAN OF ACTION AND MILESTONE | *11/19/2021* | | Create Project Schedule | 11/08/2021 | | Create Earned Value Management System (EVMS) | 11/24/2021 | | Create Risk Management Log | 11/19/2021 | | Quality Assurance | 11/23/2021 | | Create Project Management Plan | 11/28/2021 | | Overall Binding of project | 11/28/2021 | | Prepare the final presentation | 11/28/2021 | | | | | | | |
| ***5. ASSUMPTIONS, CONSTRAINTS & DEPENDENCIES*** | | | | | | |
| Assumptions:  All members will contribute to the project and work will be done on schedule delivery date.  Constraints:  All the team members must have the software compatible and required to finish the project  All the data is available to enforce the access controls for the corresponding users.  Dependencies:  Dependent on the stability and consistency of the database. | | | | | | |
| ***6. RELATED DOCUMENTS*** | | | | | | |
| https://www.pmi.org/learning/library/earned-value-management-systems-analysis-8026  <https://www.wikihow.com/Develop-a-Risk-Management-Plan>  https://www.fhwa.dot.gov/majorprojects/pmp/pmp\_guide\_jan09.pdf | | | | | | |
| ***7. PROJECT SUCCESS CRITERIA*** | | | | | | |
| Project is completed on time. Project is completed on budget. Project delivered all items within the agreed scope. Project deliverables are fit for the purpose of the project. Project team satisfaction target is achieved.  Project submission was documented and completed appropriately.  Training was done to the appropriate teams. Project uses approved technologies. | | | | | | |
| ***8. PROJECT ORGANIZATIONAL STRUCTURE*** | | | | | | |
| **Function** | | **Name** | | **Role** | | |
| Create Database and 5 users | | Arun | | DBA | | |
| AC-2 Account Management | | Martina | | Developer | | |
| AC-5 Separation of Duties | | Arun | | DBA | | |
| AC-8 System use notification | | Martina | | Developer | | |
| AC-7 Unsuccessful logon attempts | | Arun | | DBA | | |
| AT- Security training logs | | Chanukah | | Developer | | |
| AU-8 Time stamps | | David N. | | Developer | | |
| CA-5 Plan of Action and Milestones | | Yannick | | Developer | | |
| Project Management | | Chanukah/ Hashmitha | | S. Developer/Project Manager | | |
| Data Encryption at Rest | | Arun/ David S. | | DBA/Developer | | |
| Risk Management Log | | David S. | | Project Leader | | |
| Project Charter | | Chanukah | | S. Developer /Project Manager | | |
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| ***9. PROJECT STAKEHOLDERS*** | | | | | | |
| **Function** | | | **Name** | | **Role** | |
| Stakeholder | | | Maurice Dawson Jr. | | Instructor | |
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| ***10. PROJECT AUTHORIZATION*** | | | | | | |
| Approved by: | Business Manager | | | | | Date |
| Approved by: | Project Manager | | | | | Date  11/09/2021 |