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|  | **CSCI/ISAT B320**  **Database Management Systems I**  **Fall 2025**  **Project Documentation**  **Team 09** |

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# Project Contributions by AC

**Purpose:**

Document the contributions of each team member over the course of the project.

**Members and their Contact Information**

|  |  |  |
| --- | --- | --- |
| **Member** | **Email** | **Text** |
| Nicholas Vickery | [nvickery@email.uscb.edu](mailto:nvickery@email.uscb.edu) | (864) 985-3553 |
| Connor Floyd | [cwfloyd@email.uscb.edu](mailto:cwfloyd@email.uscb.edu) | (843) 816-3643 |

**Overall**

Relative Contribution of each member over the course of the entire project

|  |  |  |
| --- | --- | --- |
| **Member** | **Contribution** | **Total Hours** |
| Nicholas Vickery |  |  |
| Connor Floyd |  |  |

**Data Design (i.e., ERD Creation & Revisions)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Member** | **Contribution** | **Hours** | **Components** |
| Nicholas Vickery | 50% | 3 | Attribute Identification, 3NF, ERD design, Document creation, additional data clarifications, continual ERD revisions. |
| Connor Floyd | 50% | 3 | Attribute Identification, 3NF, ERD design. |

**Create & Populate Script: Entity Creation (i.e., Table, View, Constraint, etc.)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Member** | **Contribution** | **Hours** | **Components** |
| Nicholas Vickery |  |  | Creation and population of X, Y, and Z tables in Excel. Creation of S, and T tables. Revisions to A, and B tables. |
| Connor Floyd |  |  | Creation and population of C, D, and E tables in Excel. Revising script and adding insert statements for F and G tables. |

**Create & Populate Script: Entity Population (i.e., Table Inserts)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Member** | **Contribution** | **Hours** | **Components** |
| Nicholas Vickery |  |  | Created Inserts and managed new inserts multiple times for A, B, C, and E Tables |
| Connor Floyd |  |  | Created Inserts for B, C, and D tables. |

**Query Script: Query Development**

Note: include here any Views created to support your queries

|  |  |  |  |
| --- | --- | --- | --- |
| **Member** | **Contribution** | **Hours** | **Components** |
| Nicholas Vickery |  |  | Created Queries for B, D, F |
| Connor Floyd |  |  | Created Queries for C, E, G, F |

**Presentation Preparation**

|  |  |  |  |
| --- | --- | --- | --- |
| **Member** | **Contribution** | **Hours** | **Components** |
| Nicholas Vickery |  |  | Creation of slides PowerPoint |
| Connor Floyd |  |  |  |

**Project Documentation & Administration**

|  |  |  |  |
| --- | --- | --- | --- |
| **Member** | **Contribution** | **Hours** | **Components** |
| Nicholas Vickery |  |  | X, Y, Z |
| Connor Floyd |  |  | 1, 2, 3 |

# Collaboration Tools Employed

* GitHub - For collaboration and version control
* LucidChart - ERD
* Visual Code: For script creation

# Naming Conventions

What are the standard naming conventions for tables, fields, primary key constraints, foreign key constraints, views, stored procedures, etc.

# Design Assumptions and Data Clarifications

What assumptions and/or clarifications did you make when you created your design?

For example:

* How does your design handle a student changing their name?
* How does your design handle a professor who changes their name?
* How does your design handle two professors co-teaching a course?
* How does your design handle a course changing locations mid-semester? Or changing the professor who is assigned to teach it mid-semester?

What assumptions and/or clarifications did you make with regard to the registrar-provided data? With regard to the mock-data you created?

What specific issues arose when analyzing the registrar’s data, and how did you resolve them?

# Bibliography

Citations for:

Tutorials which you followed

Microsoft SQL Server documentation and/or articles

Stack Overflow questions/answers

Etc.

# Acknowledgements

Specific peers who helped you debug

Upper class students, parents, siblings, friends, etc. who provided feedback and guidance

Etc.