

October 29, 2020

Math304/504 Group Project

Presentations in class and/or on Zoom at class times after November 12, 2020.

- [1] Each group may have 3 or 4 people
- [2] Design a relational database consisting of at least 3 tables such as WORLD database
- [3] Each table must have at least 3 columns and at least 1 primary and/or foreign key
- [4] Must use data types: **VarChar(M)**, **Int**, **Decimal(M, D)**, and **Date** as well as other types
- [5] All tables must be logically related by using primary and foreign keys
- [6] Each table must have at least 5 rows
- [7] Must have table related procedures and functions, test at least one for each
- [8] Must have BEFORE INSERT and BEFORE UPDATE triggers that check/enforce data conditions
- [9] Presentation must test at least 3 query statements
- [10] Presentation must demonstrate summary queries by using group by clause
- [11] Answer questions after presentation
- [12] Submit/Email your project to bjia@maryville.edu as record before presentation