CSC 455 DatabaseProject

Jon Daniele

Charles McCoy

Joe Sewell

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|  | Jon | Charles | Joe |
| Jon | X | 10 | 10 |
| Charles | 10 | X | 10 |
| Joe | 10 | 10 | X |

Database Schema:



Database tables with data types and integrity constraints:

Primary keys are underlined. Foreign keys are noted by red font and the table they reference. Data types are in all capital letters. Integrity constraints are separated by commas, where applicable.

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| **Type** |
| typeTitle VARCHAR (15) not null |
| typeName VARCHAR (7) not null |

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| **Event** |
| title VARCHAR (25) not null |
| typeName VARCHAR (7) not null References Type |
| Description VARCHAR (100) |

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| **Personality** |
| title VARCHAR (25) not null |
| typeName VARCHAR (7) not null References Type |
| force TINYINT not null, check not < 0 |
| chi TINYINT not null, check not < 0 |
| goldCost TINYINT not null, check not < 0 |
| familyHonor TINYINT |
| personalHonor TINYINT |
| keywords VARCHAR (30) |
| description VARCHAR (100) |
| clan VARCHAR (15) not null references Stronghold |

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| **Holding** |
| title VARCHAR (25) not null |
| typeName VARCHAR (7) not null References Type |
| goldCost TINYINT not null, check not < 0 |
| goldProduction TINYINT not null, check not < 0 |
| honorProduction TINYINT not null, check not < 0 |
| keywords VARCHAR (30) |
| description VARCHAR (100) |

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| **Follower** |
| titleVARCHAR (25) not null |
| typeName VARCHAR (7) not null References Type |
| force TINYINT not null, check not < 0 |
| chi TINYINT not null, check not < 0 |
| personalHonor TINYINT |
| goldCost TINYINT not null, check not < 0 |
| honor TINYINT |
| keywords VARCHAR (30) |
| description VARCHAR (100) |
| focus TINYINT not null, check not < 0 |

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| **Ring** |
| title VARCHAR (25) not null |
| typeName VARCHAR (7) not null References Type |
| keywords VARCHAR (30) |
| description VARCHAR (100) |
| focus TINYINT not null, check not < 0 |

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| **Winds** |
| title VARCHAR (25) not null |
| typeName VARCHAR (7) not null References Type |
| keywords VARCHAR (30) |
| description VARCHAR (100) |

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| **StrongHold** |
| title VARCHAR (25) not null |
| typeName VARCHAR (7) References Type |
| provinceStrength TINYINT not null, check not < 0 |
| familyHonor TINYINT not null |
| goldProduction TINYINT not null check not < 0 |
| keywords VARCHAR (30) |
| description VARCHAR (100) |
| clan VARCHAR(15) not null |

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| **Attachments** |
| title VARCHAR (25) not null |
| typeName VARCHAR (7) not null References Type |
| force TINYINT |
| chi TINYINT |
| goldCost TINYINT not null, check not < 0 |
| keywords VARCHAR (30) |
| description VARCHAR (100) |
| focus TINYINT not null, check not < 0 |

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| **Monk/Shugenja Attachments** |
| title VARCHAR (25) not null |
| typeName VARCHAR not null References Type |
| goldCost TINYINT not null, check not < 0 |
| keywords VARCHAR (30) |
| description VARCHAR (100) |
| focus TINYINT not null, check not < 0 |

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| **Strategy** |
| title VARCHAR (25) not null |
| typeName VARCHAR (7) not null References Type |
| goldCost TINYINT not null, check not < 0 |
| keywords VARCHAR (30) |
| description VARCHAR (100) |
| focus TINYINT not null, check not < 0 |

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| **Terrain** |
| title VARCHAR (25) not null |
| typeName VARCHAR (7) not null References Type |
| keywords VARCHAR (30) |
| description VARCHAR (100) |

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| **Sensei** |
| title VARCHAR (25) not null |
| typeName VARCHAR (7) not null References Type |
| provinceStrength TINYINT |
| goldProduction TINYINT |
| familyHonor TINYINT |
| keywords VARCHAR (30) |
| description VARCHAR (100) |