

startUp Database Project Assignment

ITCS 3160 Database Design and Implementation

UNCC Spring 2020

Data Dictionary Guidelines

A data dictionary is a component of the design documentation of a database project. It should be an accessible reference for the data fields of the database. Data contained in a data dictionary might include the following:

- Table name
- Column name
- Data type
- Prime key
- Foreign key and referenced table/column
- Auto Increment
- Null/Not Null
- Default value
- Unique
- Binary
- Signed/Unsigned
- Generated

An example of the format of the data dictionary might be as follows:

Table Name	Column Name	Data Type	Prime Key	Foreign Key	Referenced Table/Col	Auto Increment	Null	Default Value	Unique	Binary	Signed/Unsigned	Generated
person	personID, firstName, lastName,	int,varchar	personID	personID		personID			personID			

	streetAddress, city, state, zipCode, telephone, email											
agent	personID, hireDate, endDate, salary	int, date, varchar	personID	personID		personID			personID			
capitalists	personID, yearsExperience	int, date				personID			personID			
entrepreneurs	personID, yearsExperience	int, date				personID			personID			
funders	funderID, businessName, funderCapitalization, homepageURL	int, varchar	funderID			funderID			funderID			
fundingAccount	fundingAccountID, fundingAccountStartDate, fundingAccountEndDate,	int,	fundingAccountID			fundingAccountID			fundingAccountID			

[illegible]