

User(UserID, UserName, Password)

Folder(FolderID, FolderName, DateUpdated, UserID)

- Foreign Key UserID references User

Item(ItemID, FolderID, ItemName, ItemUrl, ItemIcon)

- Foreign Key FolderID references Folder

User:

Holds all users and their login information who are using this product. Represents people. A user has a collection of folders. Each record will be unique because of the unique UserID that is generated as a user registers to the app. The UserID identifies a user. The UserName is unique to each user and is needed to login to the app. The Password is also used for login.

Folder:

Holds all folders for all users. A folder can have a collection of 0+ items. Each folder is connected to a user via the UserID. Folders are assigned their own FolderID which makes each one unique in the database. FolderName is chosen by a user to make it easy to display in their app. The DateUpdated is a date string of the last time the folder (or any of its items) was edited. This is used to sort the order folders are displayed in the app.

Item:

All of the items for all users in all folders. Each item consists of an ItemName and ItemUrl. Items are assigned an item ID so even if item names and urls are repeated, each item is unique in the database. An item is a part of a folder and connects to it using the FolderID. The ItemName is the name of the website and the ItemUrl is the url for that website. The ItemIcon is the icon for that website.