Table/Schema

Create Table

Alter Table

Drop Table

Data

Insert

Select

Update

Delete

Different ways to store text (atleast 3)

Put in one field separate by commas. (see usingTags.uxf in UMLet)

tSql collations>COLLATE clause

Latin1\_General\_CS\_AS

Latin1\_General\_CI\_AI

CS = case sensitive

CIS = case insensitive

King.jpg 🡨 best selection takes up least amount of space

~/content/products/King.jpg 🡨 ok

C: \..........\king.jpg 🡸 No Bueno

ImageMimeType : VARCHAR(100) EX: image/jpeg, image/png, image/gif.

Other option could be to create a Photo Table. (see usingTags.uxf in UMLet) It will choose only the photos you need.

HttpPostedFileBase 🡨 magic how file is posted to database

\*\*\*Enctype = “multipart/form-data” 🡨 Remember this

ENC stands for encoding..meaning tells how its going to encode data to server. We give it mimetype so it is no longer null

Navigation Properties

Lazy loading doesn’t load until you need it

Eager loading tells data to go ahead and load right away

Workorders

Regex specify what user input is acceptable. Example: email address must have an @ symbol or phone numbers.

Parent Child relationships. Example Resume = Parent class. Child class = Skill, Work history. Parent will have a list of children. Children will have only a single reference to the parent.

Process = chrome.exe chrome.exe aerenv.exe

Each Process have Threads. Each thread can have multiply jobs.

Await keyword: essentially saying put job on hold and come back to later.

Iterator Example:

Filter(IEnumerable <Product> list)

Foreach(var item in list)

If(item.Category == “Chess”)

Yield return item

Do all 5 steps in implementing searching/filtering is such

First 3 steps are done in

Use try catch when saving changes. Lot of ways saving changes to database crash.

Tell user what they did wrong. Websites constantly have multiple users at the same time. May cause exception. Especially when saving changes. Need try catch every time you save something.