

Lab Management Database Tables (proposed designs)

Buildings	
Building ID (Pk)	Nvarchar
Building Name	Nvarchar
Building Image	Binary
Building address	Nvarchar
Postcode	Nvarchar
Floor(s) ID	Binary?
Labs ID (same as room?)	Nvarchar
Campus	Nvarchar

Deliveries	
Order ID (Pk)	Nvarchar
Item Id	Nvarchar
Supplier ID	Nvarchar
Building ID?	Nvarchar
Date Delivered	Date
Delivered / Outstanding	Nvarchar
Notes	Nvarchar

Forms and links	
Form ID (Pk)	Nvarchar
Form name	Nvarchar
Form type	Nvarchar
URL	Nvarchar

Suppliers	
Supplier ID (Pk)	Nvarchar
Supplier name	Nvarchar
Supplier URL	Nvarchar
Description	Nvarchar
Address	Nvarchar
Postcode	Nvarchar
Phone number	Nvarchar
Supplier main contact details	Nvarchar
Supplier secondary contact details	Nvarchar

Chemicals	
Chemical ID (Pk)	Nvarchar
Chemical Name	Nvarchar
Formula	Nvarchar
Location (Lab?)	Nvarchar
Units (volume, weight)	Nvarchar
Trigger Level	Double
Chemical Stock Level	Int
Hazards	Nvarchar
Purpose	Nvarchar
Supplier ID	Nvarchar
Expiry Date	Date
Adverse Event ID	Nvarchar

Lab	
Lab ID (Pk)	Nvarchar
Lab Name	Nvarchar
Building Name / ID?	Nvarchar
Equipment ID	Nvarchar
Timetable	URL - Nvarchar
Documentation	URL - Nvarchar
Adverse Event ID	Nvarchar

Items	
Item ID (Pk)	Nvarchar
Item Name	Nvarchar
Item Description	Nvarchar
Cost	Double
Supplier ID	Nvarchar

Existing Resource	
Existing Resource Request ID (Pk)	Nvarchar
Requester ID	Nvarchar
Requester Name	Nvarchar
Chemical ID	Nvarchar
Equipment ID	Nvarchar
Staff member required (name)	Nvarchar
Chemical Quantity	Int
Equipment Quantity	Int
Staff Time Required	Double (check if time should be in hours (int) only)

Logbook	
Logbook ID (Pk)	Nvarchar
Equipment ID	Nvarchar
Date	Date
User ID	Nvarchar
Comments	Nvarchar

New Request	
New Request Order ID (Pk)	Nvarchar
Requester ID	Nvarchar
Requester Name	Nvarchar
Item ID	Nvarchar
Quantity	Int
Total Price	Double
Budget code (what is this?)	Int
Delivery Site (ID? Lab?)	Nvarchar
Date	Date
Web Link / Item URL	Nvarchar
COSHH Assessment Required?	Nvarchar
Request accepted / rejected	Nvarchar

Staff	
Staff ID (Pk)	Nvarchar
First Name	Nvarchar
Surname	Nvarchar
Role	Nvarchar
Email address	Nvarchar
Photo	Binary

Student	
Student ID (Pk)	Nvarchar
Student First Name	Nvarchar
Student Surname	Nvarchar
Student type / level	Nvarchar
Student email address	Nvarchar
Photo	Binary

Floor	
Floor ID (Pk)	Nvarchar
Floor Name	Nvarchar
Floor plan	Binary?
Building ID	Nvarchar
Interactive floor plan	Nvarchar

Equipment	
Equipment ID (Pk)	Nvarchar
Equipment Name	Nvarchar
Lab ID	Nvarchar
Custodian - ?Staff ID	Nvarchar
General Info	Nvarchar
Documentation	URL - Nvarchar
Adverse Event ID	Nvarchar

Adverse Events	
Adverse Event ID (Pk)	Nvarchar
Event Type	Nvarchar
Event Description	Nvarchar
Lab ID	Nvarchar
Date	Date
Time	Time
Chemical ID	Nvarchar
Equipment ID	Nvarchar