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

**Lab Management Database Tables (proposed designs)**

|  |  |
| --- | --- |
| **Buildings** | |
| Building ID (Pk) | Nvarchar |
| Building Name | Nvarchar |
| Building Image | Binary |
| Floor(s) ID | Binary? |
| Labs ID (same as room?) | Nvarchar |
| Campus | Nvarchar |
|  |  |

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| --- | --- |
| **Forms and links** | |
| Form ID (Pk) | Nvarchar |
| Form name | Nvarchar |
| Form type | Nvarchar |
| URL | Nvarchar |
|  |  |
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| --- | --- |
| **Items** | |
| Item ID (Pk) | Nvarchar |
| Item Name | Nvarchar |
| Item Description | Nvarchar |
| Cost | Double |
| Supplier Name | Nvarchar |
|  |  |

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| --- | --- |
| **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 |
|  |  |

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

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| --- | --- |
| **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) |
|  |  |

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| --- | --- |
| **New Purchase** | |
| New Purchase Order ID (Pk) | Nvarchar |
| Requester ID | Nvarchar |
| Requester Name | Nvarchar |
| Item ID | Nvarchar |
| Quantity | Int |
| Total Price | Double |
| Budget code | NVarchar |
| Delivery Site (ID? Lab?) | Nvarchar |
| Date | Date |
| Web Link / Item URL | Nvarchar |
| COSHH Assessment Required? | Nvarchar |
| Request accepted / rejected | Nvarchar |
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| --- | --- |
| **Staff** | |
| Staff ID (Pk) | Nvarchar |
| First Name | Nvarchar |
| Surname | Nvarchar |
| Role | Nvarchar |
| Email address | Nvarchar |
| Photo | Binary |
|  |  |

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| --- | --- |
| **Logbook** | |
| Logbook ID (Pk) | Nvarchar |
| Equipment ID | Nvarchar |
| Date | Date |
| User ID | Nvarchar |
| Comments | Nvarchar |
| Existing Resources ID | Nvarchar |
|  |  |

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

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

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| --- | --- |
| **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 |
|  |  |

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| --- | --- |
| **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 |
|  |  |

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| --- | --- |
| **Orders** | |
| Order ID (Pk) | Nvarchar |
| New Purchase Order ID | Nvarchar |
| Delivery ID | Nvarchar |
|  |  |