MyBookings (mb) Entity Relationship Diagram

FRC
Version: 13
Date: 07/4/22

Key:
= Optionality – choice of one or other
= Global (g) data

All Entities defined in the Schema
= Indicates a partial set of test data
= Indicates schema definition only

Facilities Management Administration of Resource Master Data

mb_Resource Ownership Type

- mb_Resource Ownership Type Id (PK) (n) * Auto (0001 inc by 1)
- mb_Resource Ownership Type Name (an 250) *
  - Facilities Management
  - IT Services
- mb_ResOwnTypeValid From Date (date) *
- mb_ResOwnTypeValid To Date (date)

mb_Resource Type

- mb_Resource Type Id (PK) (n) * Auto (0001 inc by 1)
- mb_Resource Type Name (an 250) *
  - Room
  - Car Parking Space
  - Desk
- mb_ResTypeValid From Date (date) *
- mb_ResTypeValid To Date (date)

mb_Org Resource Type Ownership xref

- mb_OrgResTypeOwn ID (PK) (n) * Auto (0001 inc by 1)
- g_Organisation Id (FK) *
- mb_Resource Ownership Type Id (FK) *
- mb_Resource Type Id (FK) *
- mb_OrgResTypeOwnValid From Date (date) *
- mb_OrgResTypeOwnValid To Date (date)

g_Organisation

- g_Org Id (PK) (num) * Auto (0001 inc by 1)
- g_Organisation Name (an 250) *
  - Welsh Government
- g_OrgValid From Date (date) *
- g_OrgValid To Date (date)

g_Site

- g_Site Id (PK) (num) * Auto (0001 inc by 1)
- g_Org Id (FK) * Drop down
- g_SiteName (E/W) (a 250) *
- g_SiteAddress Line 1 (E/W) (a 250)
- g_SiteAddress Line 2 (E/W) (a 250)
- g_SiteAddress Line 3 (E/W)(a 250)
- g_SiteAddress Line 4 (E/W)(a 250)
- g_SiteAddress Line 5 (E/W)(a 250)
- g_SiteAddress Line 6 (E/W)(a 250)
- g_SitePostcode (an 8) *
- g_Country (E/W) (a 250)
- g_RegionId (FK) *
- g_Porterage Available (a 3) (yes/no) *
- g_SiteProperty Reference Number (an 250)
- g_SiteCatering Capability (E/W) (a 3) (yes/no) *
- g_SiteCatering email (E/W) (an 250)
- g_SiteValid From Date (date) *
- g_SiteValid To Date (date)

ASDF

Owner / Host Details:
HRIS No.
Name
Division
Telephone Number

User | User/Region/Site | Group | Role | User/Role | Department | Access | Role/Access | Division | Dictionary | Branch | Audit

- Office of the First Minister
- Permanent Secretaries Group
- Health & Social Services
- Education & Public Services
- Economy Science and Natural Resources

mb_Resource Type

- mb_Facility Type Id (PK) (num) * Auto (0001 inc by 1)
- mb_Facility Type Name (an 250)
  - For Rooms -
    - Videoconferencing
    - Telepresence
    - WiFi enabled
    - Teams Meeting
    - Simultaneous Translation
    - Stage
  - For Car Parking Spaces -
    - Mobility Only
    - EV Charging Only
    - EV & Mobility
  - Desk -
    - Height Adjustable
- mb_Facility Type Valid From Date (Date)
- mb_Facility Type Valid To Date (Date)

Email Notification Templates | Email Notification Rules | Email Action Triggers

- Rule
- Notification ID
- Event
- To

Resource

mb_Room Management Type

- mb_Room Management Type Id (PK) (n) * Auto (0001 inc by 1)
- mb_Room Management Type Name (an 25) *
  - Corporate (Unmanaged)
  - Department (Managed)
  - Open Non-Bookable
- mb_Room Management Type Valid From Date (date) *
- mb_Room Management Type Valid To Date (date)

mb_Car Park Space Type

- mb_Car Park Space Type Id (PK) (n) * Auto (0001 inc by 1)
- mb_Car Park Space Type Name (an 250) *
  - Resident Staff
  - Car Share
  - Visiting Officer
  - External Visitor
  - Reserved
  - Available to All / FCFS
- mb_Car Park Space Type Note (an 500)
- mb_Car Park Space Type Valid From Date (date) *
- mb_Car Park Space Type Valid To Date (date)

mb_Room Combination

- mb_Room Combination Id (PK) (n) * Auto (0001 inc by 1)
- g_Site ID (FK)
- mb_ Combined Room Name (an 250) *
- mb_ Room 1 (FK) *
- mb_ Room 2 (FK) *
- mb_ Room 3 (FK)
- mb_ Room 4 (FK)
- mb_Room Combination Valid From Date (date) *
- mb_Room Combination Valid To Date (date)

g_Building

- g_Building Id (PK) (n) * Auto (0001 inc by 1)
- g_Building Floor (a 12)
  - Mezzanine
  - Ground
  - First
  - Second
  - Third
  - Fourth
- g_Building Wing (a 6)
  - North
  - East
  - South
  - West
- g_Building Car Park Floor (an 6)
  - Ground
  - -1
  - -2
  - -3
  - -4

Resource

- mb_Resource ID (PK) (n) * Auto (0001 inc by 1)
- g_Organisation Name (an 250) *
- g_Site Name (a 250) *
- mb_Resource Type Name (an 250) *
- mb_Room Management Type Name (an 25) *
- mb_Room Name (a 50)
- mb_Room Number (n 5)
- mb_Room Area (n 999.99)
- mb_Room Hidden for Owner (y/n) *
- mb_Room Owner Name (an 50)
- mb_Group Name
- mb_Department Name (an 250)
- mb_Division Name (an 250)
- mb_Car Park Space Type Name (an 250)
- mb_Car Park Space Number (an 5)
- mb_Desk Number (an 6)
- mb_Building Floor (a 12)
- mb_Building Wing (a 6)
- mb_Note to Staff (note)
- mb_Note Facilities Only (note)
- Mb_ResMasterData Status (an 50) *
- mb_Resource Valid From Date (Date) *
- mb_Resource Valid To Date (Date)

mb_ Resource Facility xref

- mb_Resource Facility Id (PK) (num) * Auto (0001 inc by 1)
- mb_Resource Id (FK) *
- mb_Resource Type Id (FK) *
- mb_Facility Type Id (FK) *
- mb_ResMasterData Status Name (an 250)
- mb_Resource Facility Valid From Date *
- mb_Resource Facility Valid To Date

mb_Facility Type

g_Region

- g_RegionId (PK) (n) * Auto (0001 inc by 1)
- g_RegionName (an 250) *
  - Cathays Park
  - North Wales
  - South Wales
  - West Wales
  - Mid Wales
- g_RegionValid From Date (date)*
- g_RegionValid To Date (date)

mb_Resource Master Data Status

- mb_ResMasterData Status Id (PK) (n) * Auto (0001 inc by 1)
- mb_ResMasterDataStatus Name (an 50) *
  - Available
  - Suspended
  - Removed Permanently
  - Reserved
- mb_ResMasterData Status Valid From Date (date) *
- mb_ResMasterData Status Valid To Date (date)

mb_ Resource Layout xref

- mb_Resource Layout xref Id (PK) (n) * Auto (0001 inc by 1)
- mb_Resource Id (FK)
- mb_Room Layout Type Id (FK)
- mb_Default Layout (a 3) (yes/no)
- mb_Room Capacity of Layout Current (n 999)
- mb_Room Capacity of Layout Max (n 999)
- mb_Resource Layout Type Valid From Date (date) *
- mb_Resource Layout Type Valid To Date (date)

mb_Room Layout Type

- mb_Room Layout Type Id (PK) (n) * Auto (0001 inc by 1)
- mb_Room Layout Type Name (an 250) *
  - Boardroom
  - Theatre
  - Cabaret
- mb_Room Layout Type Valid From Date (date) *
- mb_Room Layout Type Valid To Date (date)

mb_Variables

- mb_Variable ID (PK) (n) * Auto (0001 inc by 1)
- mb_Variable Name (an 50)
  - Room Layout Set Up Time
  - Room Layout Clear Down Time
- mb_Variable Value – Unit (an 50)
  - Minutes
  - Minutes
- mb_Variable Value – Time Block (n 3)
  - 30
  - 30

mb_Booking Status

For Each Booking Process -
- Event
- Resource
- Facility within a Resource
- Room Layout (reverts to default)

- mb_Booking Status Id (PK) (n) * Auto (0001 inc by 1)
- mb_Booking Status Sequence Number (n 3) *
- mb_Booking Status Name (an 50) *
  - Booked
  - Cancelled
- mb_Booking Following Status (an 50)
- mb_BookingPrior Status (an 50)
- mb_Booking Status Valid From Date (date) *
- mb_Booking Status Valid To Date (date)

mb_Invitee Type

- mb_Invitee Type Id (PK) (n) * Auto (0001 inc by 1)
- mb_Invitee Type Name (an 25)
  - Visiting Officer
  - External Visitor
  - Minister
  - AS/MS
  - etc
- mb_Invitee Type Valid From Date (Date) *
- mb_Invitee Type Valid To Date (Date)

User Resource Booking

NOTE: * - For the Bookings side of the database all required fields are managed through the application, that is, all database fields are non-mandatory bar the Primary Key

Note:
Primary Key Numbers for these Tables = 9999999 -

Key: Phase 1 Canvas App
Room Booking (single site)
Room Bookings (multiple sites)
Room Facility only (TMR)
Room Layout Booking

mb_Event Note

mb_Event

Visitor Only Scenario

- mb_Event Reference ID (PK) (n) * Auto (00000001 inc by 1)
- mb_Event Owner (a 250) *
- mb_Event Lead
- mb_Event Alternate contact (a 250)
- mb_Event Title (an 250) *
- mb_Event Date (date) *
- mb_Event Start Time (time)*
- mb_Event End Time (time) *
- mb_Event Status (a 10) *

+ MDA Screen for Reception & Security Guards (see below)

- mb_Invitee Id (PK) (n) * Auto (00000001 inc by 1)
- g_Site Id (FK) *
- mb_Event Id(FK) *
- mb_Invitee Resource xref Id (FK)
- mb_Invitee Name (a 250) *
- mb_Invitee Type Name (an 25) *
- mb_Invitee Organisation (an 250)
- mb_Invitee Email Address (an 250)
- mb_Invitee Expected Arrival Time (time)
- mb_Invitee Expected Departure Time (time)
- mb_Driver (a 3) (yes/no)

mb_Porter Note

mb_Room Layout Booking

+ MDA Screen for Porters

- mb_Room Layout Booking Id (PK) (n) * Auto (00000001 inc by 1)
- mb_Booking Resource ID (FK) *
- g_Site Name (a 250) *
- mb_Room Layout Type Name (an 250) *
- mb_Room Layout Adjustment Start Time (time 00:00) *
- mb_Room Layout Adjustment Finish Time (time 00:00) *
- mb_Room Layout Status (a 10) *
- mb_Room Layout Acknowledged (y/n)

mb_Resource Booking

- mb_Resource Booking Id (PK) (n) * Auto (00000001 inc by
- mb_Event Reference ID (FK) *
- g_Site Name (a 250) *
- mb_Resource ID (FK) (n 1000) *
- mb_Resource Type Name (an 50) *
- mb_Resource Name Number (an 250)
- mb_Invitee Resource xref Id (FK)
- mb_Catering Required (a 3) (yes/no)
- mb_Resource Booking Status (a 10) *

mb_Invitee

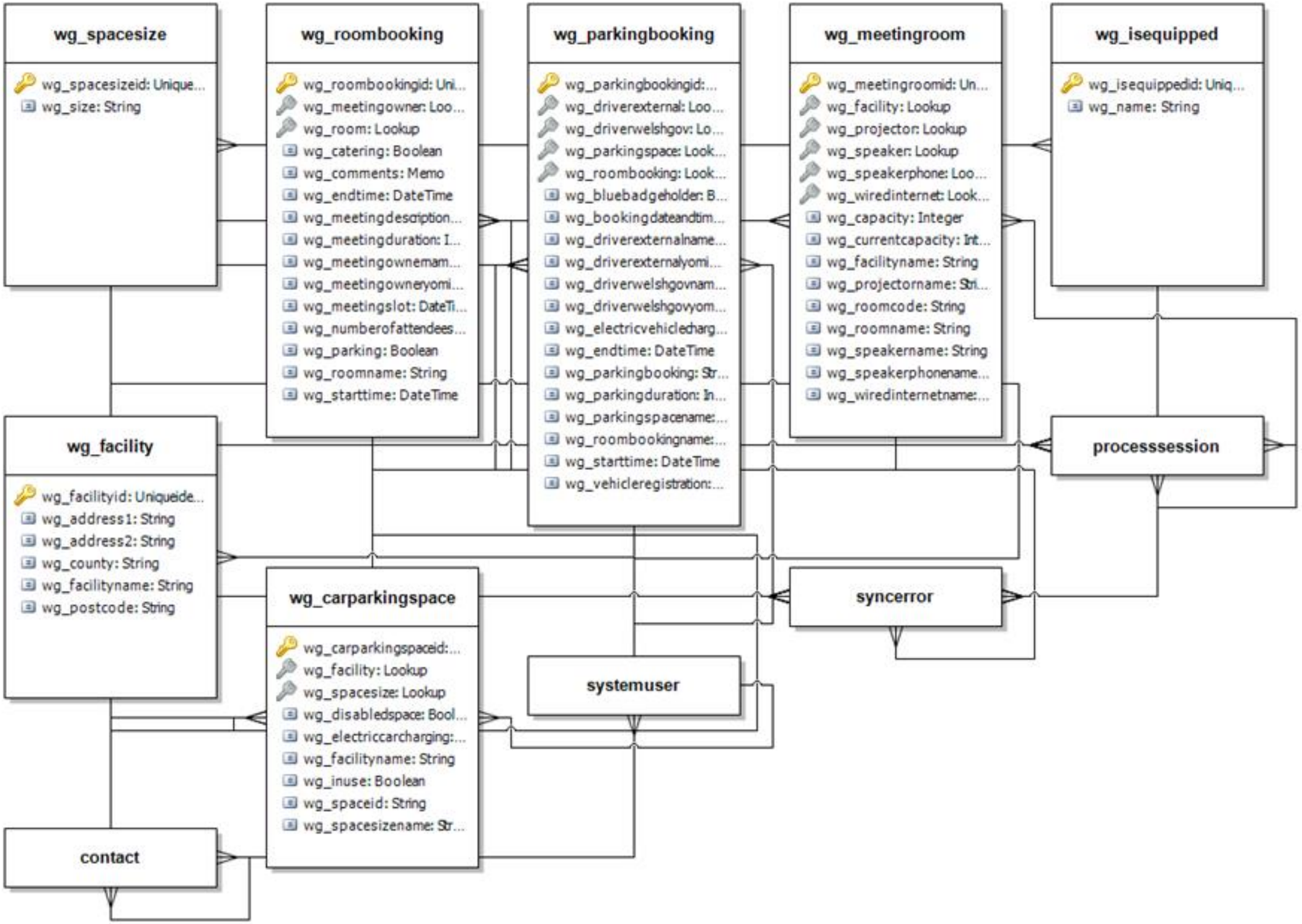
mb_Facility Request

For Car Park Requests – Invitee/Driver Details

+ MDA Screen for Security Guards (see above)

- mb_Facility Request Reference Booking ID (PK) (n) * Auto (00000001 inc by 1)
- mb_Booking Resource ID (FK) *
- g_Site Name (an 250) *
- mb_Resource Type Name (an 250) *
- mb_Facility Type Name (an 250) *
- mb_Facility Start Time (time 00:00)
- mb_Facility Finish Time (time 00:00)
- mb_Car Registration Number (an 10)
- mb_Blue Badge confirmed (a 3) (yes/no)
- mb_Electric Vehicle confirmed (a 3) (yes/no)
- mb_Facility Booking Status (a 10) *

Facility Request: Example Data Combinations -
- For Resource Type -Room
  - Facility Type =
    - Videoconferencing
    - Telepresence
    - WiFi enabled
    - Teams Meeting
    - Simultaneous Translation
    - Stage
- For Resource Type - Car Parking Space
  - Facility Type =
    - Mobility Only
    - EV Charging Only
    - EV & Mobility
- For Resource Type - Desk
  - Facility Type =
    - Height Adjustable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wg_spacesizeid: Unique...
wg_size: String
wg_roombooking
wg_roombookingid: Uni...
wg_meetingowner: Loo...
wg_room: Lookup
wg_catering: Boolean
wg_comments: Memo
wg_endtime: DateTime
wg_meetingdescription...
wg_meetingduration: I...
wg_meetingownernam...
wg_meetingowneryomi...
wg_meetingslot: DateTi...
wg_numberofattendees...
wg_parking: Boolean
wg_roomname: String
wg_starttime: DateTime
wg_parkingbooking
wg_parkingbookingid:...
wg_driverexternal: Loo...
wg_driverwelshgov: Lo...
wg_parkingspace: Look...
wg_roombooking: Look...
wg_bluebadgeholder: B...
wg_bookingdateandtim...
wg_driverexternalname...
wg_driverexternalyomi...
wg_driverwelshgovnam...
wg_driverwelshgovyom...
wg_electricvehiclecharg...
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wg_parkingbooking: Str...
wg_parkingduration: In...
wg_parkingspacename:...
wg_roombookingname:...
wg_starttime: DateTime
wg_vehicleregistration:...
wg_meetingroom
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wg_facility: Lookup
wg_projector: Lookup
wg_speaker: Lookup
wg_speakerphone: Loo...
wg_wiredinternet: Look...
wg_capacity: Integer
wg_currentcapacity: Int...
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wg_projectorname: Stri...
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wg_speakername: String
wg_speakerphonename...
wg_wiredinternetname:...
wg_isequipped
wg_isequippedid: Uniq...
wg_name: String
wg_facility
wg_facilityid: Uniqueide...
wg_address1: String
wg_address2: String
wg_county: String
wg_facilityname: String
wg_postcode: String
processsession
syncerror
wg_carparkingspace
wg_carparkingspaceid:...
wg_facility: Lookup
wg_spacesize: Lookup
wg_disabledspace: Bool...
wg_electriccarcharging:...
wg_facilityname: String
wg_inuse: Boolean
wg_spaceid: String
wg_spacesizename: Str...
systemuser
contact