Models\PatientAdministrationSystem\**LpiPatientData.cs**

namespace AspergillosisEPR.Models.PatientAdministrationSystem

{

[Table("LPI\_PATIENT\_DATA")]

public class LpiPatientData

{

public string FACIL\_ID { get; set; }

public string SURNAME { get; set; }

public string GIVEN\_NAME { get; set; }

public string SECOND\_NAME { get; set; }

public string SEX { get; set; }

public string NHS\_NUMBER { get; set; }

public string DEATH\_TIME { get; set; }

public string DEATH\_INDICATOR { get; set; }

public string POSTCODE { get; set; }

public string DOB { get; set; }

[Key]

public Guid ROWID { get; set; }

public string RM2Number()

{

return FACIL\_ID.ToString()

.Replace("RM2", String.Empty)

.Replace("rm2", String.Empty)

.Trim();

}

public string FirstName()

{

if (string.IsNullOrEmpty(SECOND\_NAME))

{

return GIVEN\_NAME;

} else

{

return GIVEN\_NAME + " " + SECOND\_NAME;

}

}

public string Gender()

{

if (SEX == "F")

{

return "Female";

}

if (SEX == "M")

{

return "Male";

}

return null;

}

public int PatientStatusId(AspergillosisContext context, int deadStatus, int aliveStatus)

{

if (string.IsNullOrEmpty(DEATH\_INDICATOR) || DEATH\_INDICATOR == "N")

{

return aliveStatus;

}

if (DEATH\_INDICATOR == "Y")

{

return deadStatus;

}

return 0;

}

public DateTime DateOfBirth()

{

return DateTime.ParseExact(DOB, "yyyyMMdd", CultureInfo.InvariantCulture);

}

public DateTime? DateOfDeath()

{

if (string.IsNullOrEmpty(DEATH\_TIME)) return null;

return DateTime.ParseExact(DEATH\_TIME.Substring(0,8), "yyyyMMdd", CultureInfo.InvariantCulture);

}

}

}

Data\PASDbContext.cs