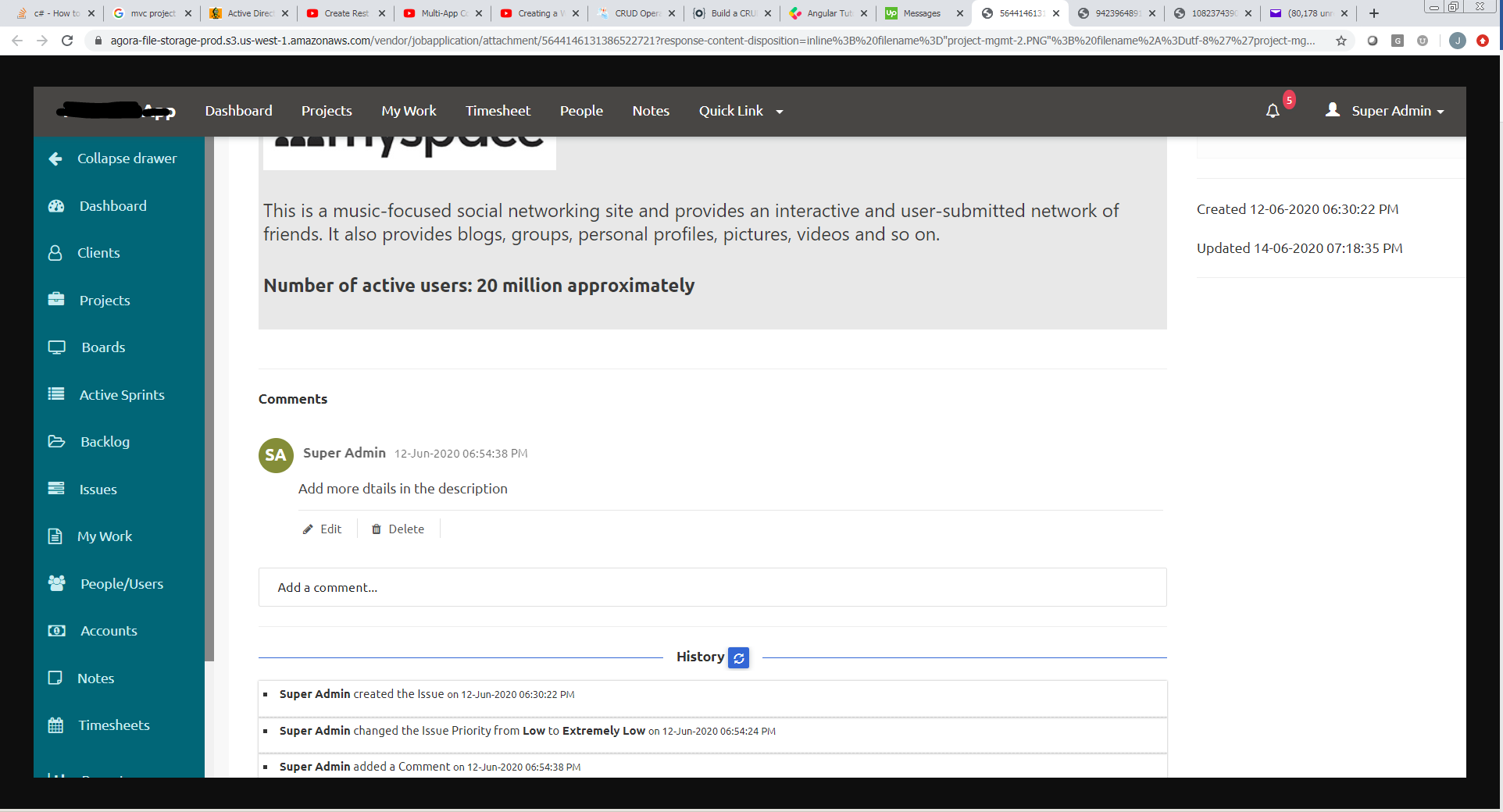
Project Devs – updated SQL script below



I really like the interface you sent me, specifically the navigation on the left-hand side. If we can implement on our system that would be great. The links we want to use in this order:

**Projects** – displays a list of all projects found in the Project table, orderd by PriorityRanking. There should be a link to a Create New form, if you could make this a modal popup form that would be fantastic. In this form should be all the fields in the Project table schema below except for ProjectId which is the identity field. In addition to those fields, we need fields for Product Owner, Project Manager, Lead Developer, Business Analyst, Stakeholders, stakeholders field will be a comma separated list on the UI, but will be parsed on insert into the ProjectRoleMapping table below. If you can make these fields ‘smart’ text boxes, type in a few letters and show a list of users from the ProjectUsers table that is ideal for any field that is getting a person. There are 3 date fields in this table, if we can use a calendar popup that would be ideal.

There should be a link to a Details page for each existing project from the view above, with option to edit once we drill down to the Details of the project. I need your creative touch here in this view as well, there should be views or links to 3 entities that relate to Projects: User Stories, Meetings, and Notes (table names: ProjectUserStories, ProjectMeetings, ProjectNotes)

**User Stories** (in place of Backlog link on screenshot above)– displays a list of all user stories from the ProjectUserStories table. There should be filters for a user to search by Product and / or Status and / or AssignedToUser. Has a link to a Create new User story, if you could make this a modal popup form that would be fantastic. The create form will have a drop down list for Projects using the Project Name for text and ProjectId for the value. We store ProjectId in the ProjectUserStories table, not the name, as you will see we have a foreign key constraint on ProjectUserStories table back to the Projects table. There are 3 date fields in this table, if we can use a calendar popup that would be ideal.

There should be a link to a Details page for each existing User Story from the view above, with option to edit once we drill down to the Details of the user story. I need your creative touch here in this view as well, there should be views or links to 2 entities that relate to User Stories: Tasks, and Notes (table names: ProjectStoryTasks,ProjectNotes)

**Tasks**

**Sprints**

**Meetings**

**Notes**

**Issues** – no table for this yet, but let’s leave the link here, since it is not in my original list, I can give you a bonus to build this functionality in phase 1 or we can add it into phase 2

**Users**

--ProjectDEVS Tool

/\*\*\*\*\*\*\*\*\*\* Project table \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

IF NOT EXISTS (SELECT 1 FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[dbo].[Projects]') and OBJECTPROPERTY(object\_id, N'IsUserTable') = 1)

BEGIN

CREATE TABLE [dbo].[Projects]

(

[ProjectId] int IDENTITY(1,1) NOT NULL,

[ProjectName] varchar(100) NOT NULL,

[ProjectType] varchar(100) NOT NULL,

--[ProjectDescription] varchar(max) NULL, capture in ProjectNotes

[ProjectStatus] int NOT NULL,

[MeetingSchedule] varchar(100) NULL,

[RequestDate] date NULL,

[RequestedByDate] date NULL,

[CompletedDate] date NULL,

[PriorityRanking] int NULL

PRIMARY KEY CLUSTERED

(

[ProjectId] ASC

) WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON)

)

END

GO

/\*\*\*\*\*\*\*\*\*\* ProjectUsers table \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

IF NOT EXISTS (SELECT 1 FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[dbo].[ProjectUsers]') and OBJECTPROPERTY(object\_id, N'IsUserTable') = 1)

BEGIN

CREATE TABLE [dbo].[ProjectUsers]

(

[UserId] varchar(10) NOT NULL,

[FirstName] varchar(50) NOT NULL,

[LastName] varchar(100) NOT NULL,

[ManagerId] varchar(10) NULL,

[IsDeveloper] tinyint NOT NULL,

[IsActive] tinyint NOT NULL

PRIMARY KEY CLUSTERED

(

[UserId] ASC

) WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON)

)

END

GO

/\*\*\*\*\*\*\*\*\*\* ProjectRoles table \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

IF NOT EXISTS (SELECT 1 FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[dbo].[ProjectRoles]') and OBJECTPROPERTY(object\_id, N'IsUserTable') = 1)

BEGIN

CREATE TABLE [dbo].[ProjectRoles]

(

[RoleId] int IDENTITY(1,1) NOT NULL,

[RoleName] varchar(50) NOT NULL

PRIMARY KEY CLUSTERED

(

[RoleId] ASC

) WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON)

)

END

GO

/\*\*\*\*\*\*\*\*\*\* ProjectRoleAssignment table \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

IF NOT EXISTS (SELECT 1 FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[dbo].[ProjectRoleAssignment]') and OBJECTPROPERTY(object\_id, N'IsUserTable') = 1)

BEGIN

CREATE TABLE [dbo].[ProjectRoleAssignment]

(

[RoleId] int NOT NULL,

[UserId] varchar(10) NOT NULL,

[ProjectId] int NOT NULL

PRIMARY KEY CLUSTERED

(

[RoleId] ASC,[UserId] ASC, [ProjectId] ASC

) WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON)

)

END

GO

/\*\*\*\*\*\*\*\*\*\* ProjectStories table \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

IF NOT EXISTS (SELECT 1 FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[dbo].[ProjectStories]') and OBJECTPROPERTY(object\_id, N'IsUserTable') = 1)

BEGIN

CREATE TABLE [dbo].[ProjectStories]

(

[StoryId] int IDENTITY(1,1) NOT NULL,

[ProjectId] int NOT NULL,

[StoryStatus] int NOT NULL,

[F1] varchar(50) NOT NULL,

[F2] varchar(300) NOT NULL,

[F3] varchar(300) NOT NULL,

[AcceptanceCriteria] varchar(1000) NOT NULL,

[RequesterID] varchar(10) NOT NULL,

[RequestDate] date NULL,

[StartDate] date NULL,

[EndDate] date NULL,

[AssignedToUserID] varchar(10),

[Environment] varchar(3) NULL,

[PriorityRanking] int NULL

PRIMARY KEY CLUSTERED

(

[StoryId] ASC

) WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON)

)

END

GO

IF EXISTS (SELECT 1 FROM sys.objects WHERE name = 'ProjectStories\_Project' AND parent\_object\_id = Object\_id('ProjectStories') AND Objectproperty(object\_id, N'IsForeignKey') = 1)

BEGIN

ALTER TABLE [dbo].[ProjectStories]

DROP CONSTRAINT ProjectStories\_Project

END

GO

ALTER TABLE [dbo].[ProjectStories] WITH CHECK ADD CONSTRAINT [ProjectStories\_Project] FOREIGN KEY([StoryId])

REFERENCES [dbo].[Projects] ([ProjectId])

ON DELETE CASCADE

GO

/\*\*\*\*\*\*\*\*\*\* ProjectStoryTasks table \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

IF NOT EXISTS (SELECT 1 FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[dbo].[ProjectStoryTasks]') and OBJECTPROPERTY(object\_id, N'IsUserTable') = 1)

BEGIN

CREATE TABLE [dbo].[ProjectStoryTasks]

(

[TaskId] int IDENTITY(1,1) NOT NULL,

[StoryId] int NOT NULL,

[TaskStatus] int NOT NULL,

[TaskName] varchar(100) NOT NULL,

[TaskDescription] varchar(1000),

[TaskType] varchar(10) NULL,

[AssignedToUserID] varchar(10),

[ProjectedHours] float NULL,

[ActualHours] float NULL

PRIMARY KEY CLUSTERED

(

[TaskId] ASC

) WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON)

)

END

GO

IF EXISTS (SELECT 1 FROM sys.objects WHERE name = 'ProjectStoryTasks\_Story' AND parent\_object\_id = Object\_id('ProjectStoryTasks') AND Objectproperty(object\_id, N'IsForeignKey') = 1)

BEGIN

ALTER TABLE [dbo].[ProjectStoryTasks]

DROP CONSTRAINT ProjectStoryTasks\_Story

END

GO

ALTER TABLE [dbo].[ProjectStoryTasks] WITH CHECK ADD CONSTRAINT [ProjectStoryTasks\_Story] FOREIGN KEY([StoryId])

REFERENCES [dbo].[ProjectStories] ([StoryId])

ON DELETE CASCADE

GO

/\*\*\*\*\*\*\*\*\*\* ProjectNotes table \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

IF NOT EXISTS (SELECT 1 FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[dbo].[ProjectNotes]') and OBJECTPROPERTY(object\_id, N'IsUserTable') = 1)

BEGIN

CREATE TABLE [dbo].[ProjectNotes]

(

[NoteId] int IDENTITY(1,1) NOT NULL,

[NoteTypeId] int NOT NULL,

[ParentId] int NOT NULL,

[Note] varchar(max) NOT NULL,

[UserId] varchar(10) NOT NULL,

[CreatedOn] datetime NOT NULL,

[ModifiedOn] datetime NULL

PRIMARY KEY CLUSTERED

(

[NoteId] ASC

) WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON)

)

END

GO

/\*\*\*\*\*\*\*\*\*\* ProjectFiles table \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

IF NOT EXISTS (SELECT 1 FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[dbo].[ProjectFiles]') and OBJECTPROPERTY(object\_id, N'IsUserTable') = 1)

BEGIN

CREATE TABLE [dbo].[ProjectFiles]

(

[FileId] int IDENTITY(1,1) NOT NULL,

[FileTypeId] int NOT NULL,

[AssociatedRecordId] int NOT NULL,

[FileName] varchar(500) NOT NULL,

[FileLocation] varchar(500) NOT NULL,

[UserId] varchar(10) NOT NULL,

[CreatedOn] datetime NOT NULL

PRIMARY KEY CLUSTERED

(

[FileId] ASC

) WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON)

)

END

GO

/\*\*\*\*\*\*\*\*\*\* ProjectMeetings table \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

IF NOT EXISTS (SELECT 1 FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[dbo].[ProjectMeetings]') and OBJECTPROPERTY(object\_id, N'IsUserTable') = 1)

BEGIN

CREATE TABLE [dbo].[ProjectMeetings]

(

[MeetingId] int IDENTITY(1,1) NOT NULL,

[ProjectId] int NOT NULL,

[Attendees] varchar(1000) NULL,

[Purpose] varchar(200) NULL,

[MeetingDate] date NULL,

[MeetingTime] varchar(20) NULL

PRIMARY KEY CLUSTERED

(

[MeetingId] ASC

) WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON)

)

END

GO

IF EXISTS (SELECT 1 FROM sys.objects WHERE name = 'ProjectMeetings\_Project' AND parent\_object\_id = Object\_id('ProjectMeetings') AND Objectproperty(object\_id, N'IsForeignKey') = 1)

BEGIN

ALTER TABLE [dbo].[ProjectMeetings]

DROP CONSTRAINT ProjectMeetings\_Project

END

GO

ALTER TABLE [dbo].[ProjectMeetings] WITH CHECK ADD CONSTRAINT [ProjectMeetings\_Project] FOREIGN KEY([ProjectId])

REFERENCES [dbo].[Projects] ([ProjectId])

ON DELETE CASCADE

GO

/\*\*\*\*\*\*\*\*\*\* ProjectSprints table \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

IF NOT EXISTS (SELECT 1 FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[dbo].[ProjectSprints]') and OBJECTPROPERTY(object\_id, N'IsUserTable') = 1)

BEGIN

CREATE TABLE [dbo].[ProjectSprints]

(

[SprintId] int IDENTITY(1,1) NOT NULL,

[SprintName] varchar(50) NOT NULL,

[StartDate] date NOT NULL,

[EndDate] date NOT NULL,

PRIMARY KEY CLUSTERED

(

[SprintId] ASC

) WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON)

)

END

GO

/\*\*\*\*\*\*\*\*\*\* ProjectSprintMapping table \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

IF NOT EXISTS (SELECT 1 FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[dbo].[ProjectSprintMapping]') and OBJECTPROPERTY(object\_id, N'IsUserTable') = 1)

BEGIN

CREATE TABLE [dbo].[ProjectSprintMapping]

(

[SprintId] int NOT NULL,

[ProjectStoryId] int NOT NULL

)

END

GO

/\*\*\*\*\*\*\*\*\*\* ProjectStatusLists table \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

IF NOT EXISTS (SELECT 1 FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[dbo].[ProjectLists]') and OBJECTPROPERTY(object\_id, N'IsUserTable') = 1)

BEGIN

CREATE TABLE [dbo].[ProjectLists]

(

[StatusId] int IDENTITY(1,1) NOT NULL,

[StatusName] varchar(50) NOT NULL,

[ListID] tinyint NOT NULL,

[ListItemText] varchar(50) NOT NULL,

[OrderBy] tinyint NOT NULL,

[IsActive] tinyint NOT NULL

PRIMARY KEY CLUSTERED

(

[StatusId] ASC

) WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON)

)

END

GO

/\*\*\*\*\* Inserts - Users \*\*\*\*\*\*\*\*\*\*\*\*\*\*/

INSERT INTO [dbo].[ProjectUsers] (UserID,FirstName,LastName,ManagerId,IsDeveloper,IsActive)

SELECT 'DM12345', 'Dev','Mgr','BB12345',1,1

UNION

SELECT 'DV11112','Developer','One','DM12345',1,1

UNION

SELECT 'DV11113','Developer','Two','DM12345',1,1

UNION

SELECT 'DV11114','Developer','Three','DM12345',1,1

UNION

SELECT 'BA54321','Biz','Analyst','BB12345',0,1

UNION

SELECT 'BR45678','Business','Requester','BT54321',0,1

UNION

SELECT 'BR12345','Biz','Manager','BT54321',0,1

/\*\*\*\* Inserts Project Statuses \*\*\*\*\*\*/

INSERT INTO [dbo].[ProjectLists](StatusName,ListID,ListItemText,OrderBy,IsActive)

SELECT 'Project',1,'Requested',1,1

UNION

SELECT 'Project',2,'In Progress',2,1

UNION

SELECT 'Project',3,'UAT',3,1

UNION

SELECT 'Project',4,'Production',4,1

UNION

SELECT 'Project',5,'On Hold',5,1

/\*\*\*\* Inserts Story Statuses \*\*\*\*\*\*/

INSERT INTO [dbo].[ProjectLists](StatusName,ListID,ListItemText,OrderBy,IsActive)

SELECT 'Story',1,'Backlog',1,1

UNION

SELECT 'Story',2,'Sprint Name',2,1

UNION

SELECT 'Story',3,'F1',3,1

UNION

SELECT 'Story',4,'F2',4,1

/\*\*\*\*\* Project Roles \*\*\*\*\*\*\*/

INSERT INTO [dbo].[ProjectRoles]([RoleName])

SELECT 'Product Owner'

UNION

SELECT 'Project Manager'

UNION

SELECT 'Lead Developer'

UNION

SELECT 'Business Analyst'

UNION

SELECT 'Stakeholder'