

```
CREATE SCHEMA "IT Management"  
GO
```

```
GO
```

```
CREATE TABLE "IT Management".Application  
(  
    applicationID INTEGER IDENTITY (1, 1) NOT NULL,  
    applicationType NATIONAL CHARACTER VARYING(MAX) CHECK  
(applicationType IN (N'Business', N'Infrastructure', N'Utility')),  
    platformName NATIONAL CHARACTER VARYING(MAX),  
    name NATIONAL CHARACTER VARYING(MAX),  
    description NATIONAL CHARACTER VARYING(MAX),  
    applicationVersionID INTEGER,  
    CONSTRAINT Application_PK PRIMARY KEY(applicationID)  
)  
GO
```

```
CREATE TABLE "IT Management".ApplicationVersionImplementsProcess  
(  
    processID INTEGER IDENTITY (1, 1) NOT NULL,  
    applicationVersionID INTEGER NOT NULL,  
    CONSTRAINT ApplicationVersionImplementsProcess_PK PRIMARY  
KEY(applicationVersionID, processID)  
)  
GO
```

```
CREATE TABLE "IT Management".Organization  
(  
    organizationID1 INTEGER IDENTITY (1, 1) NOT NULL,  
    crossCharge DECIMAL(19,4),  
    organizationID2 INTEGER,  
    rerquiresManagerID INTEGER,  
    hasPortfolioManagerID INTEGER,  
    CONSTRAINT Organization_PK PRIMARY KEY(organizationID1)  
)  
GO
```

```
CREATE TABLE "IT Management".OrganizationUsesServiceToSupportProcess  
(  
    processID INTEGER IDENTITY (1, 1) NOT NULL,  
    organizationID INTEGER NOT NULL,  
    serviceID INTEGER NOT NULL,  
    CONSTRAINT OrganizationUsesServiceToSupportProcess_PK PRIMARY  
KEY(organizationID, serviceID, processID)  
)  
GO
```

```
CREATE TABLE "IT Management".ApplicationVersionUsesDatabase  
(  
    applicationVersionID INTEGER NOT NULL,  
    databaseID INTEGER NOT NULL,
```

```
        CONSTRAINT ApplicationVersionUsesDatabase_PK PRIMARY
KEY(applicationVersionID, databaseID)
)
GO
```

```
CREATE TABLE "IT Management".Project
(
    projectID INTEGER IDENTITY (1, 1) NOT NULL,
    name NATIONAL CHARACTER VARYING(MAX),
    "scope" NATIONAL CHARACTER VARYING(MAX),
    methdologyName NATIONAL CHARACTER VARYING(MAX),
    businessValue DECIMAL(19,4),
    issue NATIONAL CHARACTER VARYING(MAX),
    organizationID INTEGER,
    workerID INTEGER,
    CONSTRAINT Project_PK PRIMARY KEY(projectID)
)
GO
```

```
CREATE TABLE "IT Management".ProjectPlan
(
    "value" NATIONAL CHARACTER VARYING(MAX) NOT NULL,
    projectID INTEGER NOT NULL,
    CONSTRAINT ProjectPlan_PK PRIMARY KEY("value")
)
GO
```

```
CREATE TABLE "IT Management".ScheduleHasMilestone
(
    schedule DATETIME NOT NULL,
    milestoneName NATIONAL CHARACTER VARYING(MAX) NOT NULL,
    CONSTRAINT ScheduleHasMilestone_PK PRIMARY KEY(schedule,
milestoneName)
)
GO
```

```
CREATE TABLE "IT Management".Schedule
(
    "value" DATETIME NOT NULL,
    projectID INTEGER,
    CONSTRAINT Schedule_PK PRIMARY KEY("value")
)
GO
```

```
CREATE TABLE "IT Management".Task
(
    taskID INTEGER IDENTITY (1, 1) NOT NULL,
    milestoneName NATIONAL CHARACTER VARYING(MAX),
    milestoneMethdologyName NATIONAL CHARACTER VARYING(MAX),
    milestoneProjectPhase NATIONAL CHARACTER VARYING(MAX) CHECK
(milestoneProjectPhase IN (N'Envision; Design; Build; Test; Deploy')),
    activityType NATIONAL CHARACTER VARYING(MAX),
    "date" DATETIME,
```

```

        deliverableName NATIONAL CHARACTER VARYING(MAX),
        projectID INTEGER,
        CONSTRAINT Task_PK PRIMARY KEY(taskID),
        CONSTRAINT Task_Milestone_MandatoryGroup CHECK (milestoneName IS
NOT NULL OR milestoneProjectPhase IS NULL AND milestoneMethdologyName IS
NULL AND milestoneName IS NULL)
    )
GO

```

```

CREATE VIEW "IT Management".Task_UC1 (milestoneName)
WITH SCHEMABINDING
AS
    SELECT milestoneName
    FROM
        "IT Management".Task
    WHERE milestoneName IS NOT NULL
GO

```

```

CREATE UNIQUE CLUSTERED INDEX Task_UC1Index ON "IT
Management".Task_UC1(milestoneName)
GO

```

```

CREATE VIEW "IT Management".Task_UC2 (milestoneMethdologyName,
milestoneProjectPhase)
WITH SCHEMABINDING
AS
    SELECT milestoneMethdologyName, milestoneProjectPhase
    FROM
        "IT Management".Task
    WHERE milestoneMethdologyName IS NOT NULL AND milestoneProjectPhase
IS NOT NULL
GO

```

```

CREATE UNIQUE CLUSTERED INDEX Task_UC2Index ON "IT
Management".Task_UC2(milestoneMethdologyName, milestoneProjectPhase)
GO

```

```

CREATE TABLE "IT Management".ProjectTimeEntry
(
    "date" DATETIME NOT NULL,
    taskID INTEGER NOT NULL,
    workerID INTEGER NOT NULL,
    effort TINYINT NOT NULL,
    CONSTRAINT ProjectTimeEntry_PK PRIMARY KEY(taskID, workerID,
"date")
)
GO

```

```

CREATE TABLE "IT Management".Program
(
    programNr INTEGER NOT NULL,
    costCategoryCode NATIONAL CHARACTER(4000),

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        programBudget DECIMAL(19,4),
        CONSTRAINT Program_PK PRIMARY KEY(programNr),
        CONSTRAINT Program_costCategoryCode_RoleValueConstraint1 CHECK
(costCategoryCode IN (N'Program', N'Maintenance', N'Enhancement'))
    )
GO

```

```

CREATE TABLE "IT Management".Asset
(
    assetID INTEGER IDENTITY (1, 1) NOT NULL,
    applicationVersionID INTEGER IDENTITY (1, 1),
    name NATIONAL CHARACTER VARYING(MAX),
    bookValue DECIMAL(19,4),
    description NATIONAL CHARACTER VARYING(MAX),
    depreciation DECIMAL(19,4),
    organizationID INTEGER,
    locationName NATIONAL CHARACTER VARYING(MAX),
    configurationItemRecoveryPlan NATIONAL CHARACTER VARYING(MAX),
    configurationItemMonitoringLevel NATIONAL CHARACTER VARYING(MAX),
    applicationVersionProjectID1 INTEGER,
    applicationVersionProjectID2 INTEGER,
    CONSTRAINT Asset_PK PRIMARY KEY(assetID),
    CONSTRAINT Asset_Application_Version_MandatoryGroup CHECK
(applicationVersionID IS NOT NULL OR applicationVersionID IS NULL AND
applicationVersionProjectID2 IS NULL AND applicationVersionProjectID1 IS
NULL)
)
GO

```

```

CREATE VIEW "IT Management".Asset_UC (applicationVersionID)
WITH SCHEMABINDING
AS
    SELECT applicationVersionID
    FROM
        "IT Management".Asset
    WHERE applicationVersionID IS NOT NULL
GO

```

```

CREATE UNIQUE CLUSTERED INDEX Asset_UCIndex ON "IT
Management".Asset_UC(applicationVersionID)
GO

```

```

CREATE TABLE "IT Management".Location
(
    locationName NATIONAL CHARACTER VARYING(MAX) NOT NULL,
    hasParentLocationName NATIONAL CHARACTER VARYING(MAX),
    CONSTRAINT Location_PK PRIMARY KEY(locationName)
)
GO

```

```

CREATE TABLE "IT Management".ApplicationVersionRunsOnServer
(
    serverName NATIONAL CHARACTER VARYING(MAX) NOT NULL,

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```

        applicationVersionID INTEGER NOT NULL,
        CONSTRAINT ApplicationVersionRunsOnServer_PK PRIMARY
KEY(applicationVersionID, serverName)
)
GO

```

```

CREATE TABLE "IT Management".ProjectIncursLaborCostInFiscalPeriod
(
    fiscalPeriodName NATIONAL CHARACTER VARYING(MAX) NOT NULL,
    projectID INTEGER NOT NULL,
    laborCost DECIMAL(19,4) NOT NULL,
    CONSTRAINT ProjectIncursLaborCostInFiscalPeriod_PK PRIMARY
KEY(projectID, fiscalPeriodName)
)
GO

```

```

CREATE TABLE "IT Management".PayLevelAndActivityTypeDetermineBillingRate
(
    payLevelNr INTEGER NOT NULL,
    activityType NATIONAL CHARACTER VARYING(MAX) NOT NULL,
    billingRate DECIMAL(19,4) NOT NULL,
    CONSTRAINT PayLevelAndActivityTypeDetermineBillingRate_PK PRIMARY
KEY(payLevelNr, activityType)
)
GO

```

```

CREATE TABLE "IT Management".Service
(
    serviceID INTEGER IDENTITY (1, 1) NOT NULL,
    name NATIONAL CHARACTER VARYING(MAX),
    description NATIONAL CHARACTER VARYING(MAX),
    serviceType NATIONAL CHARACTER VARYING(MAX) CHECK (serviceType IN
(N'Maintenance', N'Labor', N'Utility', N'Management')),
    customerSatisfactionLevel TINYINT,
    requiresServiceID INTEGER,
    CONSTRAINT Service_PK PRIMARY KEY(serviceID)
)
GO

```

```

CREATE TABLE "IT Management".ServiceDelivery
(
    serviceLevel NATIONAL CHARACTER VARYING(MAX) NOT NULL,
    serviceType NATIONAL CHARACTER VARYING(MAX) CHECK (serviceType IN
(N'Maintenance', N'Labor', N'Utility', N'Management')) NOT NULL,
    serviceID INTEGER NOT NULL,
    billingRate DECIMAL(19,4) NOT NULL,
    CONSTRAINT ServiceDelivery_PK PRIMARY KEY(serviceLevel, serviceID,
serviceType)
)
GO

```

```

CREATE TABLE "IT Management".ServiceTimeEntry
(

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```
        "date" DATETIME NOT NULL,  
        workerID INTEGER NOT NULL,  
        laborID INTEGER NOT NULL,  
        effort TINYINT NOT NULL,  
        CONSTRAINT ServiceTimeEntry_PK PRIMARY KEY(workerID, laborID,  
"date")  
    )  
GO
```

```
CREATE TABLE "IT Management".ApplicationProvidesService  
(  
    applicationID INTEGER NOT NULL,  
    serviceID INTEGER NOT NULL,  
    CONSTRAINT ApplicationProvidesService_PK PRIMARY KEY(applicationID,  
serviceID)  
)  
GO
```

```
CREATE TABLE "IT Management".Facility  
(  
    facilityID INTEGER IDENTITY (1, 1) NOT NULL,  
    rent DECIMAL(19,4),  
    CONSTRAINT Facility_PK PRIMARY KEY(facilityID)  
)  
GO
```

```
CREATE TABLE "IT Management".WorkerUsesFacility  
(  
    workerID INTEGER NOT NULL,  
    facilityID INTEGER NOT NULL,  
    CONSTRAINT WorkerUsesFacility_PK PRIMARY KEY(workerID, facilityID)  
)  
GO
```

```
CREATE TABLE "IT Management".WorkerReceivesBenefits  
(  
    benefits NATIONAL CHARACTER VARYING(MAX) NOT NULL,  
    workerID INTEGER NOT NULL,  
    CONSTRAINT WorkerReceivesBenefits_PK PRIMARY KEY(workerID,  
benefits)  
)  
GO
```

```
CREATE TABLE "IT Management".AssetRequiresFacility  
(  
    assetID INTEGER NOT NULL,  
    facilityID INTEGER NOT NULL,  
    CONSTRAINT AssetRequiresFacility_PK PRIMARY KEY(assetID,  
facilityID)  
)  
GO
```

```

CREATE TABLE "IT Management".FacilityRequiresUtility
(
    facilityID INTEGER NOT NULL,
    utilityID INTEGER NOT NULL,
    CONSTRAINT FacilityRequiresUtility_PK PRIMARY KEY(facilityID,
utilityID)
)
GO

CREATE TABLE "IT Management".AssetRequiresService
(
    assetID INTEGER NOT NULL,
    serviceID INTEGER NOT NULL,
    CONSTRAINT AssetRequiresService_PK PRIMARY KEY(assetID, serviceID)
)
GO

CREATE TABLE "IT Management".AssetProvidesService
(
    assetID INTEGER NOT NULL,
    serviceID INTEGER NOT NULL,
    CONSTRAINT AssetProvidesService_PK PRIMARY KEY(assetID, serviceID)
)
GO

CREATE TABLE "IT Management".Goal
(
    goalNr INTEGER NOT NULL,
    objective NATIONAL CHARACTER VARYING(MAX),
    benefit NATIONAL CHARACTER VARYING(MAX),
    KPI NATIONAL CHARACTER VARYING(MAX),
    goalMeasureDate DATETIME,
    CONSTRAINT Goal_PK PRIMARY KEY(goalNr),
    CONSTRAINT Goal_GoalMeasure_MandatoryGroup CHECK (KPI IS NOT NULL
OR goalMeasureDate IS NULL AND KPI IS NULL)
)
GO

CREATE TABLE "IT Management".OrganizationCapability
(
    capabilityNr INTEGER NOT NULL,
    organizationID INTEGER NOT NULL,
    processID INTEGER IDENTITY (1, 1),
    data NATIONAL CHARACTER VARYING(MAX),
    role NATIONAL CHARACTER VARYING(MAX),
    "value" NATIONAL CHARACTER VARYING(MAX) CHECK ("value" IN (N'Low;
Moderate; High')),
    performanceLevel NATIONAL CHARACTER VARYING(MAX),
    applicationID INTEGER,
    CONSTRAINT OrganizationCapability_PK PRIMARY KEY(organizationID,
capabilityNr),
    CONSTRAINT
OrganizationCapability_performanceLevel_RoleValueConstraint3 CHECK
(performanceLevel IN (N'A;B;C;D;F'))
)
GO

```

```
)  
GO
```

```
CREATE TABLE "IT Management".OrganizationCapabilityHasMaturity  
(  
    maturityLevel NATIONAL CHARACTER VARYING(MAX) NOT NULL,  
    organizationID INTEGER NOT NULL,  
    capabilityNr INTEGER NOT NULL,  
    CONSTRAINT OrganizationCapabilityHasMaturity_PK PRIMARY  
KEY(organizationID, capabilityNr, maturityLevel),  
    CONSTRAINT  
OrganizationCapabilityHasMaturity_maturityLevel_RoleValueConstraint2  
CHECK (maturityLevel IN (N'1;2;3;4;5'))  
)  
GO
```

```
CREATE TABLE "IT Management".GoalRequiresCapability  
(  
    capabilityNr INTEGER NOT NULL,  
    goalNr INTEGER NOT NULL,  
    CONSTRAINT GoalRequiresCapability_PK PRIMARY KEY(goalNr,  
capabilityNr)  
)  
GO
```

```
CREATE TABLE "IT Management".ProgramProvidesProjectBudgetForProject  
(  
    programNr INTEGER NOT NULL,  
    projectID INTEGER NOT NULL,  
    projectBudget DECIMAL(19,4) NOT NULL,  
    CONSTRAINT ProgramProvidesProjectBudgetForProject_PK PRIMARY  
KEY(programNr, projectID)  
)  
GO
```

```
CREATE TABLE "IT Management".Defect  
(  
    defectID INTEGER IDENTITY (1, 1) NOT NULL,  
    deliverableName NATIONAL CHARACTER VARYING(MAX),  
    severity NATIONAL CHARACTER VARYING(MAX) CHECK (severity IN (N'1',  
N'2', N'3', N'4'))),  
    taskID INTEGER,  
    CONSTRAINT Defect_PK PRIMARY KEY(defectID)  
)  
GO
```

```
CREATE TABLE "IT Management".ProjectAddressesInitiative  
(  
    initiativeName NATIONAL CHARACTER VARYING(MAX) NOT NULL,  
    projectID INTEGER NOT NULL,  
    CONSTRAINT ProjectAddressesInitiative_PK PRIMARY KEY(projectID,  
initiativeName)  
)
```



GO

```
CREATE TABLE "IT Management".Risk
(
    "value" NATIONAL CHARACTER VARYING(MAX) NOT NULL,
    projectID INTEGER NOT NULL,
    CONSTRAINT Risk_PK PRIMARY KEY("value")
)
GO
```

```
CREATE TABLE "IT Management".OrganizationConformsToProcess
(
    processID INTEGER IDENTITY (1, 1) NOT NULL,
    organizationID INTEGER NOT NULL,
    CONSTRAINT OrganizationConformsToProcess_PK PRIMARY
KEY(organizationID, processID)
)
GO
```

```
CREATE TABLE "IT
Management".OrganizationFundsProgramToImproveOrganizationCapability
(
    organizationID1 INTEGER NOT NULL,
    programNr INTEGER NOT NULL,
    organizationID2 INTEGER NOT NULL,
    capabilityNr INTEGER NOT NULL,
    CONSTRAINT
OrganizationFundsProgramToImproveOrganizationCapability_PK PRIMARY
KEY(organizationID1, programNr, organizationID2, capabilityNr)
)
GO
```

```
CREATE TABLE "IT Management".ApplicationSupportsCapability
(
    capabilityNr INTEGER NOT NULL,
    applicationID INTEGER NOT NULL,
    CONSTRAINT ApplicationSupportsCapability_PK PRIMARY
KEY(applicationID, capabilityNr)
)
GO
```

```
CREATE TABLE "IT Management".FundingEnvelope
(
    "value" DECIMAL(19,4) NOT NULL,
    organizationID INTEGER,
    CONSTRAINT FundingEnvelope_PK PRIMARY KEY("value")
)
GO
```

```
CREATE TABLE "IT
Management".ProgramBelongsToManagerDividesFundingEnvelope
(
```

```

        programNr INTEGER NOT NULL,
        managerID INTEGER NOT NULL,
        fundingEnvelope DECIMAL(19,4) NOT NULL,
        CONSTRAINT ProgramBelongsToManagerDividesFundingEnvelope_PK PRIMARY
KEY(managerID, fundingEnvelope, programNr)
)
GO

```

```

CREATE TABLE "IT Management".Resource
(
    resourceName NATIONAL CHARACTER VARYING(MAX) NOT NULL,
    workerID INTEGER IDENTITY (1, 1),
    workerPayLevelNr INTEGER,
    workerOrganizationID INTEGER,
    managerPayLevelNr INTEGER,
    managerManagementID INTEGER,
    materialCost DECIMAL(19,4),
    materialProjectID INTEGER,
    CONSTRAINT Resource_PK PRIMARY KEY(resourceName),
    CONSTRAINT Resource_Worker_MandatoryGroup CHECK (workerID IS NOT
NULL OR workerOrganizationID IS NULL AND workerID IS NULL AND
managerPayLevelNr IS NULL AND managerManagementID IS NULL AND
workerPayLevelNr IS NULL)
)
GO

```

```

CREATE VIEW "IT Management".Resource_UC (workerID)
WITH SCHEMABINDING
AS
    SELECT workerID
    FROM
        "IT Management".Resource
    WHERE workerID IS NOT NULL
GO

```

```

CREATE UNIQUE CLUSTERED INDEX Resource_UCIndex ON "IT
Management".Resource_UC(workerID)
GO

```

```

CREATE TABLE "IT Management".ProjectUsesResourceToDeliverResourceQuantity
(
    projectID INTEGER NOT NULL,
    resourceName NATIONAL CHARACTER VARYING(MAX) NOT NULL,
    resourceQuantity INTEGER NOT NULL,
    CONSTRAINT ProjectUsesResourceToDeliverResourceQuantity_PK PRIMARY
KEY(projectID, resourceName)
)
GO

```

```

CREATE TABLE "IT
Management".OrganizationRequestsProgramThatAlignsToGoalWithImpactRating
(
    organizationID INTEGER NOT NULL,

```

```
        programNr INTEGER NOT NULL,  
        goalNr INTEGER NOT NULL,  
        impactRating REAL NOT NULL,  
        CONSTRAINT  
OrganizationRequestsProgramThatAlignsToGoalWithImpactRating_PK PRIMARY  
KEY(organizationID, programNr, goalNr)  
)  
GO
```

```
CREATE TABLE "IT Management".ConfigurationPeriod  
(  
    fiscalPeriodName NATIONAL CHARACTER VARYING(MAX) NOT NULL,  
    configurationItemID INTEGER NOT NULL,  
    uptimePercent REAL,  
    peakUseLevel REAL,  
    CONSTRAINT ConfigurationPeriod_PK PRIMARY KEY(configurationItemID,  
fiscalPeriodName)  
)  
GO
```

```
CREATE TABLE "IT Management".OrganizationHasGoal  
(  
    organizationID INTEGER NOT NULL,  
    goalNr INTEGER NOT NULL,  
    CONSTRAINT OrganizationHasGoal_PK PRIMARY KEY(organizationID,  
goalNr)  
)  
GO
```

```
CREATE TABLE "IT Management".WorkerPlaysRoleOnProject  
(  
    role NATIONAL CHARACTER VARYING(MAX) NOT NULL,  
    workerID INTEGER NOT NULL,  
    projectID INTEGER NOT NULL,  
    CONSTRAINT WorkerPlaysRoleOnProject_PK PRIMARY KEY(workerID, role,  
projectID)  
)  
GO
```

```
ALTER TABLE "IT Management".Application ADD CONSTRAINT Application_FK  
FOREIGN KEY (applicationVersionID) REFERENCES "IT Management".Asset  
(applicationVersionID) ON DELETE NO ACTION ON UPDATE NO ACTION  
GO
```

```
ALTER TABLE "IT Management".ApplicationVersionImplementsProcess ADD  
CONSTRAINT ApplicationVersionImplementsProcess_FK FOREIGN KEY  
(applicationVersionID) REFERENCES "IT Management".Asset  
(applicationVersionID) ON DELETE NO ACTION ON UPDATE NO ACTION  
GO
```

```
ALTER TABLE "IT Management".Organization ADD CONSTRAINT Organization_FK1
FOREIGN KEY (organizationID2) REFERENCES "IT Management".Organization
(organizationID1) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Organization ADD CONSTRAINT Organization_FK2
FOREIGN KEY (requiresManagerID) REFERENCES "IT Management".Resource
(workerID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Organization ADD CONSTRAINT Organization_FK3
FOREIGN KEY (hasPortfolioManagerID) REFERENCES "IT Management".Resource
(workerID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".OrganizationUsesServiceToSupportProcess ADD
CONSTRAINT OrganizationUsesServiceToSupportProcess_FK1 FOREIGN KEY
(organizationID) REFERENCES "IT Management".Organization
(organizationID1) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".OrganizationUsesServiceToSupportProcess ADD
CONSTRAINT OrganizationUsesServiceToSupportProcess_FK2 FOREIGN KEY
(serviceID) REFERENCES "IT Management".Service (serviceID) ON DELETE NO
ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ApplicationVersionUsesDatabase ADD CONSTRAINT
ApplicationVersionUsesDatabase_FK1 FOREIGN KEY (applicationVersionID)
REFERENCES "IT Management".Asset (applicationVersionID) ON DELETE NO
ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ApplicationVersionUsesDatabase ADD CONSTRAINT
ApplicationVersionUsesDatabase_FK2 FOREIGN KEY (databaseID) REFERENCES
"IT Management".Asset (assetID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Project ADD CONSTRAINT Project_FK1 FOREIGN
KEY (organizationID) REFERENCES "IT Management".Organization
(organizationID1) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Project ADD CONSTRAINT Project_FK2 FOREIGN
KEY (workerID) REFERENCES "IT Management".Resource (workerID) ON DELETE
NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ProjectPlan ADD CONSTRAINT ProjectPlan_FK
FOREIGN KEY (projectID) REFERENCES "IT Management".Project (projectID) ON
DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ScheduleHasMilestone ADD CONSTRAINT
ScheduleHasMilestone_FK1 FOREIGN KEY (schedule) REFERENCES "IT
Management".Schedule ("value") ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ScheduleHasMilestone ADD CONSTRAINT
ScheduleHasMilestone_FK2 FOREIGN KEY (milestoneName) REFERENCES "IT
Management".Task (milestoneName) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Schedule ADD CONSTRAINT Schedule_FK FOREIGN
KEY (projectID) REFERENCES "IT Management".Project (projectID) ON DELETE
NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Task ADD CONSTRAINT Task_FK FOREIGN KEY
(projectID) REFERENCES "IT Management".Project (projectID) ON DELETE NO
ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ProjectTimeEntry ADD CONSTRAINT
ProjectTimeEntry_FK1 FOREIGN KEY (taskID) REFERENCES "IT Management".Task
(taskID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ProjectTimeEntry ADD CONSTRAINT
ProjectTimeEntry_FK2 FOREIGN KEY (workerID) REFERENCES "IT
Management".Resource (workerID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Asset ADD CONSTRAINT Asset_FK1 FOREIGN KEY
(organizationID) REFERENCES "IT Management".Organization
(organizationID1) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Asset ADD CONSTRAINT Asset_FK2 FOREIGN KEY
(locationName) REFERENCES "IT Management".Location (locationName) ON
DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Asset ADD CONSTRAINT Asset_FK3 FOREIGN KEY
(applicationVersionProjectID1) REFERENCES "IT Management".Project
(projectID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Asset ADD CONSTRAINT Asset_FK4 FOREIGN KEY
(applicationVersionProjectID2) REFERENCES "IT Management".Project
(projectID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Location ADD CONSTRAINT Location_FK FOREIGN
KEY (hasParentLocationName) REFERENCES "IT Management".Location
(locationName) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ApplicationVersionRunsOnServer ADD CONSTRAINT
ApplicationVersionRunsOnServer_FK FOREIGN KEY (applicationVersionID)
REFERENCES "IT Management".Asset (applicationVersionID) ON DELETE NO
ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ProjectIncursLaborCostInFiscalPeriod ADD
CONSTRAINT ProjectIncursLaborCostInFiscalPeriod_FK FOREIGN KEY
(projectID) REFERENCES "IT Management".Project (projectID) ON DELETE NO
ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Service ADD CONSTRAINT Service_FK FOREIGN KEY
(requiresServiceID) REFERENCES "IT Management".Service (serviceID) ON
DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ServiceDelivery ADD CONSTRAINT
ServiceDelivery_FK FOREIGN KEY (serviceID) REFERENCES "IT
Management".Service (serviceID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ServiceTimeEntry ADD CONSTRAINT
ServiceTimeEntry_FK1 FOREIGN KEY (workerID) REFERENCES "IT
Management".Resource (workerID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ServiceTimeEntry ADD CONSTRAINT
ServiceTimeEntry_FK2 FOREIGN KEY (laborID) REFERENCES "IT
Management".Service (serviceID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ApplicationProvidesService ADD CONSTRAINT
ApplicationProvidesService_FK1 FOREIGN KEY (applicationID) REFERENCES "IT
Management".Application (applicationID) ON DELETE NO ACTION ON UPDATE NO
ACTION
GO
```

```
ALTER TABLE "IT Management".ApplicationProvidesService ADD CONSTRAINT
ApplicationProvidesService_FK2 FOREIGN KEY (serviceID) REFERENCES "IT
Management".Service (serviceID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".WorkerUsesFacility ADD CONSTRAINT
WorkerUsesFacility_FK1 FOREIGN KEY (workerID) REFERENCES "IT
Management".Resource (workerID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".WorkerUsesFacility ADD CONSTRAINT
WorkerUsesFacility_FK2 FOREIGN KEY (facilityID) REFERENCES "IT
Management".Facility (facilityID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".WorkerReceivesBenefits ADD CONSTRAINT
WorkerReceivesBenefits_FK FOREIGN KEY (workerID) REFERENCES "IT
Management".Resource (workerID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".AssetRequiresFacility ADD CONSTRAINT
AssetRequiresFacility_FK1 FOREIGN KEY (assetID) REFERENCES "IT
Management".Asset (assetID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".AssetRequiresFacility ADD CONSTRAINT
AssetRequiresFacility_FK2 FOREIGN KEY (facilityID) REFERENCES "IT
Management".Facility (facilityID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".FacilityRequiresUtility ADD CONSTRAINT
FacilityRequiresUtility_FK1 FOREIGN KEY (facilityID) REFERENCES "IT
Management".Facility (facilityID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".FacilityRequiresUtility ADD CONSTRAINT
FacilityRequiresUtility_FK2 FOREIGN KEY (utilityID) REFERENCES "IT
Management".Service (serviceID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".AssetRequiresService ADD CONSTRAINT
AssetRequiresService_FK1 FOREIGN KEY (assetID) REFERENCES "IT
Management".Asset (assetID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".AssetRequiresService ADD CONSTRAINT
AssetRequiresService_FK2 FOREIGN KEY (serviceID) REFERENCES "IT
Management".Service (serviceID) ON DELETE NO ACTION ON UPDATE NO ACTION
```

GO

```
ALTER TABLE "IT Management".AssetProvidesService ADD CONSTRAINT
AssetProvidesService_FK1 FOREIGN KEY (assetID) REFERENCES "IT
Management".Asset (assetID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".AssetProvidesService ADD CONSTRAINT
AssetProvidesService_FK2 FOREIGN KEY (serviceID) REFERENCES "IT
Management".Service (serviceID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".OrganizationCapability ADD CONSTRAINT
OrganizationCapability_FK1 FOREIGN KEY (organizationID) REFERENCES "IT
Management".Organization (organizationID) ON DELETE NO ACTION ON UPDATE
NO ACTION
GO
```

```
ALTER TABLE "IT Management".OrganizationCapability ADD CONSTRAINT
OrganizationCapability_FK2 FOREIGN KEY (applicationID) REFERENCES "IT
Management".Application (applicationID) ON DELETE NO ACTION ON UPDATE NO
ACTION
GO
```

```
ALTER TABLE "IT Management".OrganizationCapabilityHasMaturity ADD
CONSTRAINT OrganizationCapabilityHasMaturity_FK FOREIGN KEY
(organizationID, capabilityNr) REFERENCES "IT
Management".OrganizationCapability (organizationID, capabilityNr) ON
DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".GoalRequiresCapability ADD CONSTRAINT
GoalRequiresCapability_FK FOREIGN KEY (goalNr) REFERENCES "IT
Management".Goal (goalNr) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ProgramProvidesProjectBudgetForProject ADD
CONSTRAINT ProgramProvidesProjectBudgetForProject_FK1 FOREIGN KEY
(programNr) REFERENCES "IT Management".Program (programNr) ON DELETE NO
ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ProgramProvidesProjectBudgetForProject ADD
CONSTRAINT ProgramProvidesProjectBudgetForProject_FK2 FOREIGN KEY
(projectID) REFERENCES "IT Management".Project (projectID) ON DELETE NO
ACTION ON UPDATE NO ACTION
GO
```



```
ALTER TABLE "IT Management".Defect ADD CONSTRAINT Defect_FK FOREIGN KEY
(taskID) REFERENCES "IT Management".Task (taskID) ON DELETE NO ACTION ON
UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ProjectAddressesInitiative ADD CONSTRAINT
ProjectAddressesInitiative_FK FOREIGN KEY (projectID) REFERENCES "IT
Management".Project (projectID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Risk ADD CONSTRAINT Risk_FK FOREIGN KEY
(projectID) REFERENCES "IT Management".Project (projectID) ON DELETE NO
ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".OrganizationConformsToProcess ADD CONSTRAINT
OrganizationConformsToProcess_FK FOREIGN KEY (organizationID) REFERENCES
"IT Management".Organization (organizationID) ON DELETE NO ACTION ON
UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT
Management".OrganizationFundsProgramToImproveOrganizationCapability ADD
CONSTRAINT OrganizationFundsProgramToImproveOrganizationCapability_FK1
FOREIGN KEY (organizationID1) REFERENCES "IT Management".Organization
(organizationID1) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT
Management".OrganizationFundsProgramToImproveOrganizationCapability ADD
CONSTRAINT OrganizationFundsProgramToImproveOrganizationCapability_FK2
FOREIGN KEY (programNr) REFERENCES "IT Management".Program (programNr) ON
DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT
Management".OrganizationFundsProgramToImproveOrganizationCapability ADD
CONSTRAINT OrganizationFundsProgramToImproveOrganizationCapability_FK3
FOREIGN KEY (organizationID2, capabilityNr) REFERENCES "IT
Management".OrganizationCapability (organizationID, capabilityNr) ON
DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ApplicationSupportsCapability ADD CONSTRAINT
ApplicationSupportsCapability_FK FOREIGN KEY (applicationID) REFERENCES
"IT Management".Application (applicationID) ON DELETE NO ACTION ON UPDATE
NO ACTION
GO
```

```
ALTER TABLE "IT Management".FundingEnvelope ADD CONSTRAINT
FundingEnvelope_FK FOREIGN KEY (organizationID) REFERENCES "IT
Management".Organization (organizationID1) ON DELETE NO ACTION ON UPDATE
NO ACTION
GO
```

```
ALTER TABLE "IT Management".ProgramBelongsToManagerDividesFundingEnvelope
ADD CONSTRAINT ProgramBelongsToManagerDividesFundingEnvelope_FK1 FOREIGN
KEY (programNr) REFERENCES "IT Management".Program (programNr) ON DELETE
NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ProgramBelongsToManagerDividesFundingEnvelope
ADD CONSTRAINT ProgramBelongsToManagerDividesFundingEnvelope_FK2 FOREIGN
KEY (managerID) REFERENCES "IT Management".Resource (workerID) ON DELETE
NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ProgramBelongsToManagerDividesFundingEnvelope
ADD CONSTRAINT ProgramBelongsToManagerDividesFundingEnvelope_FK3 FOREIGN
KEY (fundingEnvelope) REFERENCES "IT Management".FundingEnvelope
("value") ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Resource ADD CONSTRAINT Resource_FK1 FOREIGN
KEY (workerOrganizationID) REFERENCES "IT Management".Organization
(organizationID1) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Resource ADD CONSTRAINT Resource_FK2 FOREIGN
KEY (managerManagementID) REFERENCES "IT Management".Service (serviceID)
ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".Resource ADD CONSTRAINT Resource_FK3 FOREIGN
KEY (materialProjectID) REFERENCES "IT Management".Project (projectID) ON
DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ProjectUsesResourceToDeliverResourceQuantity
ADD CONSTRAINT ProjectUsesResourceToDeliverResourceQuantity_FK1 FOREIGN
KEY (projectID) REFERENCES "IT Management".Project (projectID) ON DELETE
NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ProjectUsesResourceToDeliverResourceQuantity
ADD CONSTRAINT ProjectUsesResourceToDeliverResourceQuantity_FK2 FOREIGN
KEY (resourceName) REFERENCES "IT Management".Resource (resourceName) ON
DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT
Management".OrganizationRequestsProgramThatAlignsToGoalWithImpactRating
ADD CONSTRAINT
OrganizationRequestsProgramThatAlignsToGoalWithImpactRating_FK1 FOREIGN
KEY (organizationID) REFERENCES "IT Management".Organization
(organizationID1) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT
Management".OrganizationRequestsProgramThatAlignsToGoalWithImpactRating
ADD CONSTRAINT
OrganizationRequestsProgramThatAlignsToGoalWithImpactRating_FK2 FOREIGN
KEY (programNr) REFERENCES "IT Management".Program (programNr) ON DELETE
NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT
Management".OrganizationRequestsProgramThatAlignsToGoalWithImpactRating
ADD CONSTRAINT
OrganizationRequestsProgramThatAlignsToGoalWithImpactRating_FK3 FOREIGN
KEY (goalNr) REFERENCES "IT Management".Goal (goalNr) ON DELETE NO ACTION
ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".ConfigurationPeriod ADD CONSTRAINT
ConfigurationPeriod_FK FOREIGN KEY (configurationItemID) REFERENCES "IT
Management".Asset (assetID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".OrganizationHasGoal ADD CONSTRAINT
OrganizationHasGoal_FK1 FOREIGN KEY (organizationID) REFERENCES "IT
Management".Organization (organizationID1) ON DELETE NO ACTION ON UPDATE
NO ACTION
GO
```

```
ALTER TABLE "IT Management".OrganizationHasGoal ADD CONSTRAINT
OrganizationHasGoal_FK2 FOREIGN KEY (goalNr) REFERENCES "IT
Management".Goal (goalNr) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".WorkerPlaysRoleOnProject ADD CONSTRAINT
WorkerPlaysRoleOnProject_FK1 FOREIGN KEY (workerID) REFERENCES "IT
Management".Resource (workerID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

```
ALTER TABLE "IT Management".WorkerPlaysRoleOnProject ADD CONSTRAINT
WorkerPlaysRoleOnProject_FK2 FOREIGN KEY (projectID) REFERENCES "IT
Management".Project (projectID) ON DELETE NO ACTION ON UPDATE NO ACTION
GO
```

GO