

LogTable		
P	*	LogID
		INTEGER
*		LogMessage
		VARCHAR2 (4000)
		LogObjectName
		VARCHAR2 (250)
		Parameters
		VARCHAR2 (4000)
*		CreateAt
		DATE
LogTable_PK (LogID)		

TechnologyData		
P	*	TechnologyDataID
		INTEGER
*		TechnologyDataName
		VARCHAR2 (250)
*		TechnologyData
		VARCHAR2 (4000)
		TechnologyDataDescription
		VARCHAR2 (4000)
*		CreatedAt
		DATE
F	*	CreatedBy
		INTEGER
		UpdateAt
		DATE
		UpdatedBy
		INTEGER
TechnologyData_PK (TechnologyDataID)		
TechnologyData_Users_FK (CreatedBy)		

TechnologyDataComponents		
PF	*	TechnologyID
		INTEGER
PF	*	ComponentID
		INTEGER
*		Components_CreatedBy
		DATE
TechnologyDataComponents_PK (TechnologyID, ComponentID)		
TechnologyDataComponents_Components_FK (ComponentID)		
TechnologyDataComponents_TechnologyData_FK (TechnologyID)		

Components		
P	*	ComponentID
		INTEGER
		ComponentName
		VARCHAR2 (250)
F		ComponentParentID
		INTEGER
		ComponentDescription
		VARCHAR2 (4000)
*		CreatedAt
		DATE
F	*	CreatedBy
		INTEGER
		UpdatedAt
		DATE
		UpdatedBy
		VARCHAR2
Components_PK (ComponentID)		
Components_Components_FK (ComponentParentID)		
Components_Users_FK (CreatedBy)		

ComponentsAttribute		
PF	*	ComponentID
		INTEGER
PF	*	AttributeID
		INTEGER
*		Components_CreatedBy
		DATE
ComponentsAttribute_PK (AttributeID, ComponentID)		
ComponentsAttribute__UN (AttributeID)		
ComponentsAttribute_Components_FK (ComponentID)		
ComponentsAttribute_Attribubes_FK (AttributeID)		

Tags		
P	*	TagID
		INTEGER
*		TagName
		VARCHAR2 (250)
		TagDescription
		VARCHAR2 (4000)
*		CreatedAt
		DATE
F	*	CreatedBy
		INTEGER
		UpdateAt
		DATE
		UpdatedBy
		INTEGER
Tags_PK (TagID)		
Tags_Users_FK (CreatedBy)		

TechnologyDataTags		
PF	*	TechnologyDataID
		INTEGER
PF	*	TagID
		INTEGER
TechnologyDataTag_PK (TechnologyDataID, TagID)		
TechnologyDataTags_TechnologyData_FK (TechnologyDataID)		
TechnologyDataTags_Tags_FK (TagID)		

Users		
P	*	UserID
		INTEGER
*		UserFirstName
		VARCHAR2 (250)
*		UserLastName
		VARCHAR2 (250)
U	*	UserEmail
		VARCHAR2 (250)
*		CreatedAt
		DATE
		UpdatedAt
		DATE
Users_PK (UserID)		
Users__UN (UserEmail)		

Technologies		
P	*	TechnologyID
		INTEGER
*		TechnologyName
		VARCHAR2 (250)
F	*	TechnologyDataID
		INTEGER
*		CreatedAt
		DATE
F	*	CreatedBy
		INTEGER
		UpdatedAt
		DATE
		UpdatedBy
		INTEGER
Technologies_PK (TechnologyID)		
Technologies_TechnologyData_FK (TechnologyDataID)		
Technologies_Users_FK (CreatedBy)		

ComponentsTechnologies		
PF	*	ComponentID
		INTEGER
PF	*	TechnologyID
		INTEGER
*		Components_CreatedBy
		DATE
ComponentsTechnologies_PK (ComponentID, TechnologyID)		
ComponentsTechnologies_Components_FK (ComponentID)		
ComponentsTechnologies_Technologies_FK (TechnologyID)		

Attributes		
P	*	AttributeID
		INTEGER
*		AttributeName
		VARCHAR2 (250)
		AttributeDescription
		VARCHAR2 (4000)
*		CreatedAt
		DATE
F	*	CreatedBy
		INTEGER
		UpdatedAt
		DATE
		UpdatedBy
		INTEGER
Attribubes_PK (AttributeID)		
Attribubes_Users_FK (CreatedBy)		