GATE database schema

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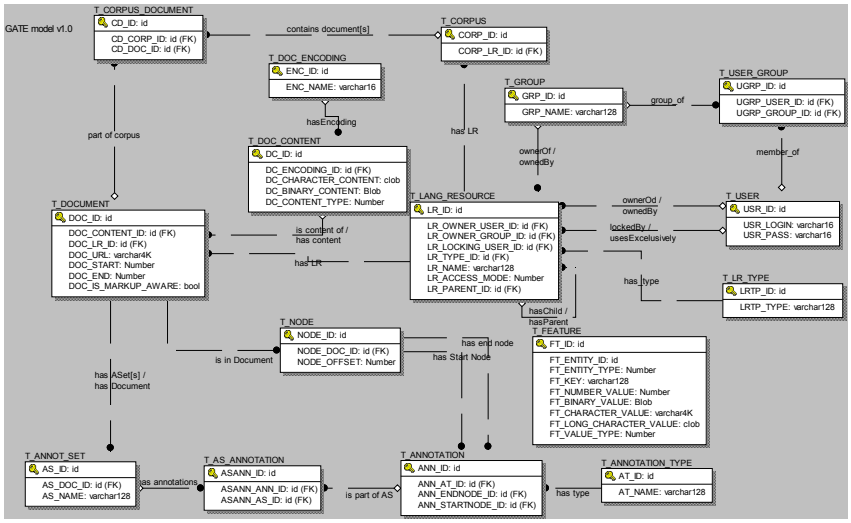
1.-'Picture'-section1.-'Picture'-sectionMain Subject Area/Display1Main Subject Area/Display1**Main Subject Area/Display1**



Table

2. 'Table' section2. 'Table' sectionTable TableTable Table**Table**	
Name	**Create Statement**
T_ANNOT_SET	CREATE TABLE T_ANNOT_SET (AS_ID NUMBER NOT NULL, AS_DOC_ID NUMBER NOT NULL, AS_NAME VARCHAR2(128) NULL, PRIMARY KEY (AS_ID), FOREIGN KEY (AS_DOC_ID) REFERENCES T_DOCUMENT);
T_ANNOTATION	CREATE TABLE T_ANNOTATION (ANN_ID NUMBER NOT NULL, ANN_AT_ID NUMBER NOT NULL, ANN_ENDNODE_ID NUMBER NOT NULL, ANN_STARTNODE_ID NUMBER NOT NULL, PRIMARY KEY (ANN_ID), FOREIGN KEY (ANN_STARTNODE_ID) REFERENCES T_NODE, FOREIGN KEY (ANN_ENDNODE_ID) REFERENCES T_NODE, FOREIGN KEY (ANN_AT_ID) REFERENCES T_ANNOTATION_TYPE);
T_ANNOTATION_TYPE	CREATE TABLE T_ANNOTATION_TYPE (AT_ID NUMBER NOT NULL, AT_NAME VARCHAR2(128) NULL, PRIMARY KEY (AT_ID));
T_AS_ANNOTATION	CREATE TABLE T_AS_ANNOTATION (ASANN_ID NUMBER NOT NULL, ASANN_ANN_ID NUMBER NOT NULL, ASANN_AS_ID NUMBER NOT NULL, PRIMARY KEY (ASANN_ID), FOREIGN KEY (ASANN_ANN_ID) REFERENCES T_ANNOTATION, FOREIGN KEY (ASANN_AS_ID) REFERENCES T_ANNOT_SET);
T_CORPUS	CREATE TABLE T_CORPUS (CORP_ID NUMBER NOT NULL, CORP_LR_ID NUMBER NOT NULL, PRIMARY KEY (CORP_ID), FOREIGN KEY (CORP_LR_ID) REFERENCES T_LANG_RESOURCE);
T_CORPUS_DOCUMENT	CREATE TABLE T_CORPUS_DOCUMENT (CD_ID NUMBER NOT NULL,

2. 'Table' section2. 'Table' sectionTable TableTable Table**Table**	
Name	**Create Statement**
	CD_CORP_ID NUMBER NOT NULL, CD_DOC_ID NUMBER NOT NULL, PRIMARY KEY (CD_ID), FOREIGN KEY (CD_CORP_ID) REFERENCES T_CORPUS, FOREIGN KEY (CD_DOC_ID) REFERENCES T_DOCUMENT);
T_DOC_CONTENT	CREATE TABLE T_DOC_CONTENT (DC_ID NUMBER NOT NULL, DC_ENCODING_ID NUMBER NULL, DC_CHARACTER_CONTENT CLOB NULL, DC_BINARY_CONTENT BLOB NULL, DC_CONTENT_TYPE NUMBER NOT NULL, PRIMARY KEY (DC_ID), FOREIGN KEY (DC_ENCODING_ID) REFERENCES T_DOC_ENCODING);
T_DOC_ENCODING	CREATE TABLE T_DOC_ENCODING (ENC_ID NUMBER NOT NULL, ENC_NAME VARCHAR2(16) NOT NULL, PRIMARY KEY (ENC_ID));
T_DOCUMENT	CREATE TABLE T_DOCUMENT (DOC_ID NUMBER NOT NULL, DOC_CONTENT_ID NUMBER NULL, DOC_LR_ID NUMBER NOT NULL, DOC_URL VARCHAR2(4000) NOT NULL, DOC_START NUMBER NULL, DOC_END NUMBER NULL, DOC_IS_MARKUP_AWARE NUMBER(1) NOT NULL, PRIMARY KEY (DOC_ID), FOREIGN KEY (DOC_CONTENT_ID) REFERENCES T_DOC_CONTENT, FOREIGN KEY (DOC_LR_ID) REFERENCES T_LANG_RESOURCE);
T_FEATURE	CREATE TABLE T_FEATURE (FT_ID NUMBER NOT NULL, FT_ENTITY_ID NUMBER NOT NULL, FT_ENTITY_TYPE NUMBER NOT NULL, FT_KEY VARCHAR2(128) NOT NULL, FT_NUMBER_VALUE NUMBER NULL, FT_BINARY_VALUE BLOB NULL, FT_CHARACTER_VALUE VARCHAR2(4000) NULL, FT_LONG_CHARACTER_VALUE CLOB NULL, FT_VALUE_TYPE NUMBER NOT NULL, PRIMARY KEY (FT_ID));
T_GROUP	CREATE TABLE T_GROUP (GRP_ID NUMBER NOT NULL, GRP_NAME VARCHAR2(128) NULL,

2. 'Table' section2. 'Table' sectionTable TableTable Table**Table**	
Name	**Create Statement**
	PRIMARY KEY (GRP_ID));
T_LANG_RESOURCE	CREATE TABLE T_LANG_RESOURCE (LR_ID NUMBER NOT NULL, LR_TYPE_ID NUMBER NOT NULL, LR_OWNER_USER_ID NUMBER NULL, LR_LOCKING_USER_ID NUMBER NULL, LR_OWNER_GROUP_ID NUMBER NULL, LR_NAME VARCHAR2(128) NOT NULL, LR_ACCESS_MODE NUMBER NOT NULL, LR_PARENT_ID NUMBER NULL, PRIMARY KEY (LR_ID), FOREIGN KEY (LR_OWNER_USER_ID) REFERENCES T_USER, FOREIGN KEY (LR_LOCKING_USER_ID) REFERENCES T_USER, FOREIGN KEY (LR_OWNER_GROUP_ID) REFERENCES T_GROUP, FOREIGN KEY (LR_PARENT_ID) REFERENCES T_LANG_RESOURCE);
T_LR_TYPE	CREATE TABLE T_LR_TYPE (LRTP_ID NUMBER NOT NULL, LRTP_TYPE VARCHAR2(128) NOT NULL, PRIMARY KEY (LRTP_ID));
T_NODE	CREATE TABLE T_NODE (NODE_ID NUMBER NOT NULL, NODE_DOC_ID NUMBER NOT NULL, NODE_OFFSET NUMBER NOT NULL, PRIMARY KEY (NODE_ID), FOREIGN KEY (NODE_DOC_ID) REFERENCES T_DOCUMENT);
T_USER	CREATE TABLE T_USER (USR_ID NUMBER NOT NULL, USR_LOGIN VARCHAR2(16) NOT NULL, USR_PASS VARCHAR2(16) NOT NULL, PRIMARY KEY (USR_ID));
T_USER_GROUP	CREATE TABLE T_USER_GROUP (UGRP_ID NUMBER NOT NULL, UGRP_USER_ID NUMBER NULL, UGRP_GROUP_ID NUMBER NULL, PRIMARY KEY (UGRP_ID), FOREIGN KEY (UGRP_USER_ID) REFERENCES T_USER, FOREIGN KEY (UGRP_GROUP_ID) REFERENCES T_GROUP);

Column(s) of "T_ANNOT_SET" TableColumn(s) of "T_ANNOT_SET" Table**Column(s) of "T_ANNOT_SET" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
AS_ID	NUMBER	NOT NULL	Yes	No
AS_DOC_ID	NUMBER	NOT NULL	No	Yes
AS_NAME	VARCHAR2(128)	NULL	No	No

Index(s) of "T_ANNOT_SET" TableIndex(s) of "T_ANNOT_SET" Table**Index(s) of "T_ANNOT_SET" Table**		
Name	**Unique**	**Create Statement**
XPKT_ANNOT_SET	Yes	CREATE UNIQUE INDEX XPKT_ANNOT_SET ON T_ANNOT_SET (AS_ID);

Column(s) of "T_ANNOTATION" TableColumn(s) of "T_ANNOTATION" Table**Column(s) of "T_ANNOTATION" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
ANN_ID	NUMBER	NOT NULL	Yes	No
ANN_AT_ID	NUMBER	NOT NULL	No	Yes
ANN_ENDNODE_ID	NUMBER	NOT NULL	No	Yes
ANN_STARTNODE_ID	NUMBER	NOT NULL	No	Yes

Index(s) of "T_ANNOTATION" TableIndex(s) of "T_ANNOTATION" Table**Index(s) of "T_ANNOTATION" Table**		
Name	**Unique**	**Create Statement**
XPKT_ANNOTATION	Yes	CREATE UNIQUE INDEX XPKT_ANNOTATION ON T_ANNOTATION (ANN_ID);

Column(s) of "T_ANNOTATION_TYPE" TableColumn(s) of "T_ANNOTATION_TYPE" Table**Column(s) of "T_ANNOTATION_TYPE" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
AT_ID	NUMBER	NOT NULL	Yes	No
AT_NAME	VARCHAR2(128)	NULL	No	No

Index(s) of "T_ANNOTATION_TYPE" TableIndex(s) of "T_ANNOTATION_TYPE" Table**Index(s) of "T_ANNOTATION_TYPE" Table**		
Name	**Unique**	**Create Statement**
XPKT_ANNOTATION_TYPE	Yes	CREATE UNIQUE INDEX XPKT_ANNOTATION_TYPE ON T_ANNOTATION_TYPE (AT_ID);
XT_ANNOTATION_TYPE_01	Yes	CREATE UNIQUE INDEX XT_ANNOTATION_TYPE_01 ON T_ANNOTATION_TYPE (AT_NAME);

Index(s) of "T_ANNOTATION_TYPE" TableIndex(s) of "T_ANNOTATION_TYPE" Table**Index(s) of "T_ANNOTATION_TYPE" Table**		
Name	**Unique**	**Create Statement**

Column(s) of "T_AS_ANNOTATION" TableColumn(s) of "T_AS_ANNOTATION" Table**Column(s) of "T_AS_ANNOTATION" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
ASANN_ID	NUMBER	NOT NULL	Yes	No
ASANN_ANN_ID	NUMBER	NOT NULL	No	Yes
ASANN_AS_ID	NUMBER	NOT NULL	No	Yes

Index(s) of "T_AS_ANNOTATION" TableIndex(s) of "T_AS_ANNOTATION" Table**Index(s) of "T_AS_ANNOTATION" Table**		
Name	**Unique**	**Create Statement**
XPKT_AS_ANNOTATION	Yes	CREATE UNIQUE INDEX XPKT_AS_ANNOTATION ON T_AS_ANNOTATION (ASANN_ID);

Column(s) of "T_CORPUS" TableColumn(s) of "T_CORPUS" Table**Column(s) of "T_CORPUS" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
CORP_ID	NUMBER	NOT NULL	Yes	No
CORP_LR_ID	NUMBER	NOT NULL	No	Yes

Index(s) of "T_CORPUS" TableIndex(s) of "T_CORPUS" Table**Index(s) of "T_CORPUS" Table**		
Name	**Unique**	**Create Statement**
XPKT_CORPUS	Yes	CREATE UNIQUE INDEX XPKT_CORPUS ON T_CORPUS (CORP_ID);

Column(s) of "T_CORPUS_DOCUMENT" TableColumn(s) of "T_CORPUS_DOCUMENT" Table**Column(s) of "T_CORPUS_DOCUMENT" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
CD_ID	NUMBER	NOT NULL	Yes	No
CD_CORP_ID	NUMBER	NOT NULL	No	Yes
CD_DOC_ID	NUMBER	NOT NULL	No	Yes

Index(s) of "T_CORPUS_DOCUMENT" TableIndex(s) of "T_CORPUS_DOCUMENT" Table**Index(s) of "T_CORPUS_DOCUMENT" Table**		
Name	**Unique**	**Create Statement**
XPKT_CORPUS_DOCUMENT	Yes	CREATE UNIQUE INDEX XPKT_CORPUS_DOCUMENT ON T_CORPUS_DOCUMENT (CD_ID);

Column(s) of "T_DOC_CONTENT" TableColumn(s) of "T_DOC_CONTENT" Table**Column(s) of "T_DOC_CONTENT" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
DC_ID	NUMBER	NOT NULL	Yes	No

Column(s) of "T_DOC_CONTENT" TableColumn(s) of "T_DOC_CONTENT" Table**Column(s) of "T_DOC_CONTENT" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
DC_ENCODING_ID	NUMBER	NULL	No	Yes
DC_CHARACTER_CONTENT	CLOB	NULL	No	No
DC_BINARY_CONTENT	BLOB	NULL	No	No
DC_CONTENT_TYPE	NUMBER	NOT NULL	No	No

Index(s) of "T_DOC_CONTENT" TableIndex(s) of "T_DOC_CONTENT" Table**Index(s) of "T_DOC_CONTENT" Table**		
Name	**Unique**	**Create Statement**
XPKT_DOC_CONTENT	Yes	CREATE UNIQUE INDEX XPKT_DOC_CONTENT ON T_DOC_CONTENT (DC_ID);

Column(s) of "T_DOC_ENCODING" TableColumn(s) of "T_DOC_ENCODING" Table**Column(s) of "T_DOC_ENCODING" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
ENC_ID	NUMBER	NOT NULL	Yes	No
ENC_NAME	VARCHAR2(16)	NOT NULL	No	No

Index(s) of "T_DOC_ENCODING" TableIndex(s) of "T_DOC_ENCODING" Table**Index(s) of "T_DOC_ENCODING" Table**		
Name	**Unique**	**Create Statement**
XPKT_DOC_ENCODING	Yes	CREATE UNIQUE INDEX XPKT_DOC_ENCODING ON T_DOC_ENCODING (ENC_ID);
XT_DOC_ENCODING_01	Yes	CREATE UNIQUE INDEX XT_DOC_ENCODING_01 ON T_DOC_ENCODING (ENC_NAME);

Column(s) of "T_DOCUMENT" TableColumn(s) of "T_DOCUMENT" Table**Column(s) of "T_DOCUMENT" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
DOC_ID	NUMBER	NOT NULL	Yes	No
DOC_CONTENT_ID	NUMBER	NULL	No	Yes
DOC_LR_ID	NUMBER	NOT NULL	No	Yes
DOC_URL	VARCHAR2(4000)	NOT NULL	No	No
DOC_START	NUMBER	NULL	No	No
DOC_END	NUMBER	NULL	No	No
DOC_IS_MARKUP_AWARE	NUMBER(1)	NOT NULL	No	No

Index(s) of "T_DOCUMENT" TableIndex(s) of "T_DOCUMENT" Table**Index(s) of "T_DOCUMENT" Table**		
Name	**Unique**	**Create Statement**

Index(s) of "T_DOCUMENT" TableIndex(s) of "T_DOCUMENT" Table**Index(s) of "T_DOCUMENT" Table**		
Name	**Unique**	**Create Statement**
XPKT_DOCUMENT	Yes	CREATE UNIQUE INDEX XPKT_DOCUMENT ON T_DOCUMENT (DOC_ID ASC);
XT_DOCUMENT_01	Yes	CREATE UNIQUE INDEX XT_DOCUMENT_01 ON T_DOCUMENT (DOC_LR_ID);

Column(s) of "T_FEATURE" TableColumn(s) of "T_FEATURE" Table**Column(s) of "T_FEATURE" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
FT_ID	NUMBER	NOT NULL	Yes	No
FT_ENTITY_ID	NUMBER	NOT NULL	No	No
FT_ENTITY_TYPE	NUMBER	NOT NULL	No	No
FT_KEY	VARCHAR2(128)	NOT NULL	No	No
FT_NUMBER_VALUE	NUMBER	NULL	No	No
FT_BINARY_VALUE	BLOB	NULL	No	No
FT_CHARACTER_VALUE	VARCHAR2(4000)	NULL	No	No
FT_LONG_CHARACTER_VALUE	CLOB	NULL	No	No
FT_VALUE_TYPE	NUMBER	NOT NULL	No	No

Index(s) of "T_FEATURE" TableIndex(s) of "T_FEATURE" Table**Index(s) of "T_FEATURE" Table**		
Name	**Unique**	**Create Statement**
XPKT_FEATURE	Yes	CREATE UNIQUE INDEX XPKT_FEATURE ON T_FEATURE (FT_ID);
XT_FEATURE_01	No	CREATE INDEX XT_FEATURE_01 ON T_FEATURE (FT_ENTITY_ID , FT_ENTITY_TYPE);

Column(s) of "T_GROUP" TableColumn(s) of "T_GROUP" Table**Column(s) of "T_GROUP" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
GRP_ID	NUMBER	NOT NULL	Yes	No
GRP_NAME	VARCHAR2(128)	NULL	No	No

Index(s) of "T_GROUP" TableIndex(s) of "T_GROUP" Table**Index(s) of "T_GROUP" Table**		
Name	**Unique**	**Create Statement**
XPKT_GROUP	Yes	CREATE UNIQUE INDEX XPKT_GROUP ON T_GROUP (GRP_ID);

Index(s) of "T_GROUP" TableIndex(s) of "T_GROUP" Table**Index(s) of "T_GROUP" Table**		
Name	**Unique**	**Create Statement**
XT_GROUP_01	Yes	CREATE UNIQUE INDEX XT_GROUP_01 ON T_GROUP (GRP_NAME);

Column(s) of "T_LANG_RESOURCE" TableColumn(s) of "T_LANG_RESOURCE" Table**Column(s) of "T_LANG_RESOURCE" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
LR_ID	NUMBER	NOT NULL	Yes	No
LR_OWNER_USER_ID	NUMBER	NULL	No	Yes
LR_OWNER_GROUP_ID	NUMBER	NULL	No	Yes
LR_LOCKING_USER_ID	NUMBER	NULL	No	Yes
LR_TYPE_ID	NUMBER	NOT NULL	No	Yes
LR_NAME	VARCHAR2(128)	NOT NULL	No	No
LR_ACCESS_MODE	NUMBER	NOT NULL	No	No
LR_PARENT_ID	NUMBER	NULL	No	Yes

Index(s) of "T_LANG_RESOURCE" TableIndex(s) of "T_LANG_RESOURCE" Table**Index(s) of "T_LANG_RESOURCE" Table**		
Name	**Unique**	**Create Statement**
XPKT_LANG_RESOURCE	Yes	CREATE UNIQUE INDEX XPKT_LANG_RESOURCE ON T_LANG_RESOURCE (LR_ID);
XT_LANG_RESOURCE_01	No	CREATE INDEX XT_LANG_RESOURCE_01 ON T_LANG_RESOURCE (LR_LOCKING_USER_ID);
XT_LANG_RESOURCE_02	No	CREATE INDEX XT_LANG_RESOURCE_02 ON T_LANG_RESOURCE (LR_OWNER_GROUP_ID);
XT_LANG_RESOURCE_03	No	CREATE INDEX XT_LANG_RESOURCE_03 ON T_LANG_RESOURCE (LR_OWNER_USER_ID);

Column(s) of "T_LR_TYPE" TableColumn(s) of "T_LR_TYPE" Table**Column(s) of "T_LR_TYPE" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
LRTP_ID	NUMBER	NOT NULL	Yes	No
LRTP_TYPE	VARCHAR2(128)	NOT NULL	No	No

Index(s) of "T_LR_TYPE" TableIndex(s) of "T_LR_TYPE" Table**Index(s) of "T_LR_TYPE" Table**		
Name	**Unique**	**Create Statement**
XPKT_LR_TYPE	Yes	CREATE UNIQUE INDEX XPKT_LR_TYPE ON T_LR_TYPE (LRTP_ID);
XT_LR_TYPE_01	Yes	CREATE UNIQUE INDEX XT_LR_TYPE_01 ON T_LR_TYPE (LRTP_TYPE);

Column(s) of "T_NODE" TableColumn(s) of "T_NODE" Table**Column(s) of "T_NODE" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
NODE_ID	NUMBER	NOT NULL	Yes	No
NODE_DOC_ID	NUMBER	NOT NULL	No	Yes
NODE_OFFSET	NUMBER	NOT NULL	No	No

Index(s) of "T_NODE" TableIndex(s) of "T_NODE" Table**Index(s) of "T_NODE" Table**		
Name	**Unique**	**Create Statement**
XPKT_NODE	Yes	CREATE UNIQUE INDEX XPKT_NODE ON T_NODE (NODE_ID);

Column(s) of "T_USER" TableColumn(s) of "T_USER" Table**Column(s) of "T_USER" Table**				
Name	**Datatype**	**Null Option**	**Is PK**	**Is FK**
USR_ID	NUMBER	NOT NULL	Yes	No
USR_LOGIN	VARCHAR2(16)	NOT NULL	No	No
USR_PASS	VARCHAR2(16)	NOT NULL	No	No

Index(s) of "T_USER" TableIndex(s) of "T_USER" Table**Index(s) of "T_USER" Table**		
Name	**Unique**	**Create Statement**
XPKT_USER	Yes	CREATE UNIQUE INDEX XPKT_USER ON T_USER (USR_ID);
XT_USER_01	Yes	CREATE UNIQUE INDEX XT_USER_01 ON T_USER (USR_LOGIN);
XT_USER_02	No	CREATE INDEX XT_USER_02 ON T_USER (USR_PASS);

Column(s) of "T_USER_GROUP" TableColumn(s) of "T_USER_GROUP" Table**Column(s) of "T_USER_GROUP" Table**

Name	Datatype	Null Option	Is PK	Is FK
UGRP_ID	NUMBER	NOT NULL	Yes	No
UGRP_USER_ID	NUMBER	NULL	No	Yes
UGRP_GROUP_ID	NUMBER	NULL	No	Yes

Index(s) of "T_USER_GROUP" TableIndex(s) of "T_USER_GROUP" Table**Index(s) of "T_USER_GROUP" Table**		
Name	**Unique**	**Create Statement**
XPKT_USER_GROUP	Yes	CREATE UNIQUE INDEX XPKT_USER_GROUP ON T_USER_GROUP (UGRP_ID);
XT_USER_GROUP_01	Yes	CREATE UNIQUE INDEX XT_USER_GROUP_01 ON T_USER_GROUP (UGRP_USER_ID , UGRP_GROUP_ID);
XT_USER_GROUP_02	No	CREATE INDEX XT_USER_GROUP_02 ON T_USER_GROUP (UGRP_GROUP_ID);

View

3. 'View' section3. 'View' sectionView TableView Table	
Name	**Create Statement**
V_ANNOTATION	CREATE OR REPLACE VIEW V_ANNOTATION (ANN_ID, AT_NAME, start_offset, end_offset) AS SELECT T_ANNOTATION.ANN_ID, T_ANNOTATION_TYPE.AT_NAME, s_node.NODE_OFFSET, e_node.NODE_OFFSET FROM T_AS_ANNOTATION, T_ANNOTATION, T_ANNOTATION_TYPE, T_NODE s_node, T_NODE e_node WHERE asann_ann_id=ann_id and ann_at_id=at_id and ann_startnode_id=s_node.node_id and ann_endnode_id=e_node.node_id; ;
V_ANNOTATION_FEATURES	CREATE OR REPLACE VIEW V_ANNOTATION_FEATURES (set_id, annotation_id, FT_KEY, FT_VALUE_TYPE, FT_NUMBER_VALUE, FT_CHARACTER_VALUE, FT_LONG_CHARACTER_VALUE, FT_BINARY_VALUE) AS SELECT T_AS_ANNOTATION.ASANN_AS_ID, T_AS_ANNOTATION.ASANN_ANN_ID, T_FEATURE.FT_KEY, T_FEATURE.FT_VALUE_TYPE, T_FEATURE.FT_NUMBER_VALUE, T_FEATURE.FT_CHARACTER_VALUE, T_FEATURE.FT_LONG_CHARACTER_VALUE, T_FEATURE.FT_BINARY_VALUE FROM T_AS_ANNOTATION, T_FEATURE WHERE ft_entity_id = asann_ann_id and ft_entity_type = 3; ;
V_ANNOTATION_SET	CREATE OR REPLACE VIEW V_ANNOTATION_SET AS SELECT T_ANNOT_SET.AS_DOC_ID, T_ANNOT_SET.AS_ID, V_DOCUMENT.LR_ID, T_ANNOT_SET.AS_NAME FROM T_ANNOT_SET, V_DOCUMENT WHERE as_doc_id = doc_id; ;
V_CONTENT	CREATE OR REPLACE VIEW V_CONTENT AS SELECT T_DOC_CONTENT.DC_CHARACTER_CONTENT, T_DOC_CONTENT.DC_BINARY_CONTENT, T_DOC_CONTENT.DC_CONTENT_TYPE, T_DOC_ENCODING.ENC_NAME FROM T_DOC_CONTENT, T_DOC_ENCODING WHERE enc_id = dc_encoding_id; ;
V_DOCUMENT	CREATE OR REPLACE VIEW V_DOCUMENT AS SELECT T_DOCUMENT.DOC_CONTENT_ID, T_DOCUMENT.DOC_LR_ID, T_DOCUMENT.DOC_ID,

3. 'View' section3. 'View' sectionView TableView Table	
Name	**Create Statement**
	T_DOCUMENT.DOC_URL, T_DOCUMENT.DOC_START, T_DOCUMENT.DOC_END, T_DOCUMENT.DOC_IS_MARKUP_AWARE, T_LANG_RESOURCE.LR_ID, T_LANG_RESOURCE.LR_OWNER_USER_ID, T_LANG_RESOURCE.LR_OWNER_GROUP_ID, T_LANG_RESOURCE.LR_LOCKING_USER_ID, T_LANG_RESOURCE.LR_TYPE_ID, T_LANG_RESOURCE.LR_NAME, T_LANG_RESOURCE.LR_ACCESS_MODE, T_LANG_RESOURCE.LR_PARENT_ID FROM T_DOCUMENT, T_LANG_RESOURCE WHERE doc_lr_id = lr_id; ;
V_LR	CREATE OR REPLACE VIEW V_LR AS SELECT T_LR_TYPE.LRTP_TYPE, T_LANG_RESOURCE.LR_ID, T_LANG_RESOURCE.LR_OWNER_USER_ID, T_LANG_RESOURCE.LR_OWNER_GROUP_ID, T_LANG_RESOURCE.LR_LOCKING_USER_ID, T_LANG_RESOURCE.LR_NAME, T_LANG_RESOURCE.LR_ACCESS_MODE, T_LANG_RESOURCE.LR_PARENT_ID FROM T_LR_TYPE, T_LANG_RESOURCE WHERE lr_type_id = lrtp_id; ;