











TW.USER_GROUP		
P *	ID	NUMBER (*,0)
UF*	ID_FIRST	NUMBER (*,0)
UF*	ID_SECOND	NUMBER (*,0)
 USER_GROUP_PK (ID)		
 NO_DUPS (ID_FIRST, ID_SECOND)		
 FK_ID_FIRST (ID_FIRST)		
 FK_ID_SECOND (ID_SECOND)		
 NO_DUPS (ID_FIRST, ID_SECOND)		





TW.USERS		
P *	USER_ID	NUMBER (*,0)
*	FIRSTNAME	VARCHAR2 (30 BYTE)
	LASTNAME	VARCHAR2 (30 BYTE)
*	EMAIL	VARCHAR2 (40 BYTE)
*	USERNAME	VARCHAR2 (10 BYTE)
*	PASSWORD	VARCHAR2 (20 BYTE)
 USERS_PK (USER_ID)		



TW.BOOK_ADDED		
P *	BOOK_ID	NUMBER (*,0)
F *	ID	NUMBER (*,0)
*	BOOK_TITLE	VARCHAR2 (50 BYTE)
*	BOOK_AUTHOR	VARCHAR2 (50 BYTE)
*	ISBN	NUMBER (*,0)
	DESCRIPTION	VARCHAR2 (200 BYTE)
 BOOK_ADDED_PK (BOOK_ID)		
 FK_ADD (ID)		

TW.BOOK_WANTED		
P *	BOOK_ID	NUMBER (*,0)
F *	ID	NUMBER (*,0)
*	BOOK_TITLE	VARCHAR2 (50 BYTE)
*	BOOK_AUTHOR	VARCHAR2 (50 BYTE)
*	ISBN	NUMBER (*,0)
	DESCRIPTION	VARCHAR2 (200 BYTE)
 BOOK_WANTED_PK (BOOK_ID)		
 FK_WANT (ID)		



TW.IMAGE		
P *	ID	NUMBER (*,0)
F *	BOOK_ID	NUMBER (*,0)
	NAME	VARCHAR2 (35 BYTE)
 IMAGE_PK (ID)		
 FK_BOOK (BOOK_ID)		