Student Feedback System

Data Dictionary

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SEMESTER					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Sem_id	Number	2	Primary key	
2	Sem_label	Varchar2	10		

DEPARTMENT					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Dept_id	Number	2	Primary key	
2	Dept_name	Varchar2	50		

STUDENT					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Stud_id	Number	10	Primary key	
2	Stud_identification	Varchar2	15	Unique	
3	Stud_name	Varchar2	50		
4	Stud_roll_no	Number	3		
5	Stud_sem_id	Number	2	Foreign Key references **Semester**	
6	Dept_id	Number	2	Foreign Key references **Department**	

FACULTY					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Fac_id	Number	5	Primary key	
2	Fac_name	Varchar2	50		
3	Dept_id	Number	2	Foreign Key references **Department**	

DIVISION					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Div_id	Number	2	Primary key	
2	Div_label	Varchar2	2		

BATCH					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Batch_id	Number	2	Primary key	
2	Batch_label	Varchar2	2		

SUBJECT					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Sub_id	Number	4	Primary key	
2	Sub_code	Varchar2	10	Not Null, Unique	
3	Sub_name	Varchar2	50		
4	Sem_id	Number	2	Foreign Key references **Semester**	
5	Dept_id	Number	2	Foreign Key references **Department**	

GRADE					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Grade_id	Number	1	Primary key	
2	Grade_label	Varchar2	1		
3	Grade_weightage	Number	1		

LOAD					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Load_id	Number	2	Primary key	
2	Load_label	Varchar2	25		

QUESTION					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Que_id	Number	2	Primary key	
2	Que_desc	Varchar2	250		
3	Load_id	Number	2	Foreign Key references **Load**	

DSD					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Dsd_id	Number	5	Primary key	
2	Dept_id	Number	2	Foreign Key references **Department**	Unique Key (dept_id, sem_id, div_id)
3	Sem_id	Number	2	Foreign Key references **Semester**	
5	Div_id	Number	2	Foreign Key references **Division**	
6	Div_start	Number	3		Div. start roll no.
7	Div_end	Number	3		Div. end roll no.

DSB					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Dsb_id	Number	5	Primary key	
2	Dept_id	Number	2	Foreign Key references **Department**	Unique Key (dept_id, sem_id, batch_id)
3	Sem_id	Number	2	Foreign Key references **Semester**	
5	Batch_id	Number	2	Foreign Key references **Batch**	
6	Batch_start	Number	3		Batch start roll no.
7	Batch_end	Number	3		Batch end roll no.

FAC_SUB_TH					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Fac_sub_th_id	Number	12	Primary key	
2	Fac_id	Number	5	Foreign Key references **Faculty**	Unique Key (fac_id, sub_id, dsd_id, load_id)
3	Sub_id	Number	2	Foreign Key references **Subject**	
4	Dsd_id	Number	5	Foreign Key references **DSD**	
5	Load_id	Number	2	Foreign Key references **Load**	
6	Feedback	Number	(5,2)		

FAC_SUB_LAB					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Fac_sub_lab_id	Number	12	Primary key	
2	Fac_id	Number	5	Foreign Key references **Faculty**	Unique Key (fac_id, sub_id, dsb_id, load_id)
3	Sub_id	Number	2	Foreign Key references **Subject**	
4	Dsb_id	Number	5	Foreign Key references **DSB**	
5	Load_id	Number	2	Foreign Key references **Load**	
6	Feedback	Number	(5,2)		

TH_FB					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Th_fb_id	Number	12	Primary key	
2	Stud_id	Number	10	Foreign Key references **Student**	Unique Key (stud_id, fac_sub_th_id, que_id, grade_id)
3	Fac_sub_th_id	Number	12	Foreign Key references **Fac_sub_th**	
4	Que_id	Number	5	Foreign Key references **Question**	
5	Grade_id	Number	2	Foreign Key references **Grade**	

LAB_FB					
Sr. No.	Field Name	Data type	Width	Constraints	Remark
1	Lab_fb_id	Number	12	Primary key	
2	Stud_id	Number	10	Foreign Key references **Student**	Unique Key (stud_id, fac_sub_lab_id, que_id, grade_id)
3	Fac_sub_lab_id	Number	12	Foreign Key references **Fac_sub_lab**	
4	Que_id	Number	5	Foreign Key references **Question**	
5	Grade_id	Number	2	Foreign Key references **Grade**	