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1. Create the DDL Statements for creating the tables for the Academic Database listed above – include NOT NULL constraints where necessary. (Other constraints will be added later)

### A. Membuat tabel AD\_ACADEMIC\_SESSIONS

Object Type **TABLE** Object **AD\_ACADEMIC\_SESSIONS**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
AD_ACADEMIC_SESSIONS	ID	NUMBER	22	-	-	-	✓	-	-
	NAME	VARCHAR2	50	-	-	-	-	-	-

1 - 2

### B. Membuat tabel AD\_DEPARTMENTS

Object Type **TABLE** Object **AD\_DEPARTMENTS**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>AD_DEPARTMENTS</u>	<u>ID</u>	NUMBER	22	-	-	-	✓	-	-
	<u>NAME</u>	VARCHAR2	50	-	-	-	-	-	-
	<u>HEAD</u>	VARCHAR2	50	-	-	-	-	-	-

1 - 3

### C. Membuat tabel AD\_PARENT\_INFORMATION

Object Type **TABLE** Object **AD\_PARENT\_INFORMATION**

[illegible]

#### D. Membuat tabel AD\_STUDENTS

Object Type **TABLE** Object **AD\_STUDENTS**

[illegible]

### E. Membuat tabel AD\_COURSES

Object Type **TABLE** Object **AD\_COURSES**

[illegible]

#### F. Membuat tabel AD\_FACULTY

Object Type **TABLE** Object **AD\_FACULTY**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>AD_FACULTY</u>	<u>ID</u>	NUMBER	22	-	-	-	✓	-	-
	<u>FIRST_NAME</u>	VARCHAR2	50	-	-	-	-	-	-
	<u>LAST_NAME</u>	VARCHAR2	50	-	-	-	-	-	-
	<u>EMAIL</u>	VARCHAR2	50	-	-	-	-	-	-
	<u>SALARY</u>	NUMBER	22	-	-	-	✓	-	-
	<u>INSURANCE</u>	VARCHAR2	20	-	-	-	✓	-	-
	<u>HOURLY_RATE</u>	NUMBER	22	-	-	-	✓	-	-
	<u>DEPT_ID</u>	NUMBER	22	-	-	-	✓	-	-

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**K. Membuat tabel AD\_STUDENT\_COURSE\_DETAILS**

## L. Membuat tabel AD\_FACULTY\_COURSE\_DETAILS

Object Type **TABLE** Object **AD\_FACULTY\_COURSE\_DETAILS**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
AD_FACULTY_COURSE_DETAILS	FACULTY_ID	NUMBER	22	-	-	-	✓	-	-
	COURSE_ID	NUMBER	22	-	-	-	✓	-	-
	CONTACT_HRS	NUMBER	22	-	-	-	-	-	-
1 - 3									

## M. Membuat tabel AD\_FACULTY\_LOGIN\_DETAILS

Object Type **TABLE** Object **AD\_FACULTY\_LOGIN\_DETAILS**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
AD_FACULTY_LOGIN_DETAILS	FACULTY_ID	NUMBER	22	-	-	-	✓	-	-
	LOGIN_DATE_TIME	TIMESTAMP(6)	11	-	6	-	-	-	-
1 - 2									

## Exercise 2: Altering the Tables

1. Alter the tables in the Academic Database to define the primary key, foreign key and unique constraints.

### A. Constraint dari table AD\_ACADEMIC\_SESSIONS

Home

Application Builder

SQL Workshop

Team Development

Administration

Home > SQL Workshop > SQL Commands

Schema: ACADEMIC\_ISEPLUTPINUR

Autocommit

Rows

10

Save

Run

SELECT

\*

FROM

user\_constraints

WHERE

table\_name = 'AD\_ACADEMIC\_SESSIONS';

Results

Explain

Describe

Saved SQL

History

OWNER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	R_OWNER	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	DEFERRED	VALIDATED
ACADEMIC_ISEPLUTPINUR	SYS_C007450	C	AD_ACADEMIC_SESSIONS	"NAME" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED
ACADEMIC_ISEPLUTPINUR	AD_ACADEMIC_SESSIONS_PK	P	AD_ACADEMIC_SESSIONS	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED
ACADEMIC_ISEPLUTPINUR	AD_SESSIONS_NAME_UK	U	AD_ACADEMIC_SESSIONS	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED

### B. Constraint dari table AD\_COURSES

Results Explain Describe Saved SQL History											
OWNER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	R_OWNER	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	DEFERRED	VALIDATED
ACADEMIC_ISEPLUTPINUR	SYS_C007460	C	AD_COURSES	"NAME" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED
ACADEMIC_ISEPLUTPINUR	SYS_C007461	C	AD_COURSES	"SESSION_ID" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED
ACADEMIC_ISEPLUTPINUR	AD_COURSES_PK	P	AD_COURSES	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED
ACADEMIC_ISEPLUTPINUR	AD_COURSES_NAME_UK	U	AD_COURSES	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED
ACADEMIC_ISEPLUTPINUR	AD_COURSES_FK1	R	AD_COURSES	-	ACADEMIC_ISEPLUTPINUR	AD_ACADEMIC_SESSIONS_PK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED
ACADEMIC_ISEPLUTPINUR	AD_COURSES_FK2	R	AD_COURSES	-	ACADEMIC_ISEPLUTPINUR	AD_DEPARTMENTS_PK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED

5 rows returned in 0.03 seconds [Download](#)

### C. Constraint dari table AD\_DEPARTMENTS

OWNER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	R_OWNER	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	DEFERRED	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007451	C	AD_DEPARTMENTS	"NAME" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED NAME
ACADEMIC_ISEPLUTPINUR	SYS_C007452	C	AD_DEPARTMENTS	"HEAD" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED NAME
ACADEMIC_ISEPLUTPINUR	AD_DEPARTMENTS_PK	P	AD_DEPARTMENTS	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME
ACADEMIC_ISEPLUTPINUR	AD_DEPT_NAME_UK	U	AD_DEPARTMENTS	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME

4 rows returned in 0.04 seconds [Download](#)

### D. Constraint dari table AD\_EXAMS

OWNER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	R_OWNER	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	DEFERRED	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007466	C	AD_EXAMS	"EXAM_TYPE" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007467	C	AD_EXAMS	"COURSE_ID" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	AD_EXAMS_PK	P	AD_EXAMS	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME
ACADEMIC_ISEPLUTPINUR	AD_EXAMS_FK1	R	AD_EXAMS	-	ACADEMIC_ISEPLUTPINUR	AD_EXAM_TYPES_PK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME
ACADEMIC_ISEPLUTPINUR	AD_EXAMS_FK2	R	AD_EXAMS	-	ACADEMIC_ISEPLUTPINUR	AD_COURSES_PK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME

5 rows returned in 0.03 seconds [Download](#)

### E. Constraint dari table AD\_EXAM\_TYPES

OWNER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	R_OWNER	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	DEFERRED	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007465	C	AD_EXAM_TYPES	"NAME" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	AD_EXAM_TYPES_PK	P	AD_EXAM_TYPES	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME

2 rows returned in 0.04 seconds [Download](#)

### F. Constraint dari table AD\_EXAM\_RESULTS

OWNER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	R_OWNER	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	DEFERRED	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007468	C	AD_EXAM_RESULTS	"EXAM_GRADE" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	AD_EXAM_RESULTS_PK	P	AD_EXAM_RESULTS	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME
ACADEMIC_ISEPLUTPINUR	AD_EXAM_RESULTS_FK1	R	AD_EXAM_RESULTS	-	ACADEMIC_ISEPLUTPINUR	AD_STUDENTS_PK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME
ACADEMIC_ISEPLUTPINUR	AD_EXAM_RESULTS_FK2	R	AD_EXAM_RESULTS	-	ACADEMIC_ISEPLUTPINUR	AD_COURSES_PK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME
ACADEMIC_ISEPLUTPINUR	AD_EXAM_RESULT_FK3	R	AD_EXAM_RESULTS	-	ACADEMIC_ISEPLUTPINUR	AD_EXAMS_PK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME

5 rows returned in 0.03 seconds [Download](#)

### G. Constraint dari table AD\_FACULTY

OWNER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	R_OWNER	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	DEFERRED	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007462	C	AD_FACULTY	"FIRST_NAME" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007463	C	AD_FACULTY	"LAST_NAME" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007464	C	AD_FACULTY	"EMAIL" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	AD_FACULTY_PK	P	AD_FACULTY	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME
ACADEMIC_ISEPLUTPINUR	AD_FACULTY_FK	R	AD_FACULTY	-	ACADEMIC_ISEPLUTPINUR	AD_DEPARTMENTS_PK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME
ACADEMIC_ISEPLUTPINUR	AD_FACULTY_EMAIL_UK	U	AD_FACULTY	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME

6 rows returned in 0.04 seconds [Download](#)

### H. Constraint dari table AD\_PARENT\_INFORMATION

OWNER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	R_OWNER	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	DEFERRED	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007453	C	AD_PARENT_INFORMATION	"PARENT1_FN" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007454	C	AD_PARENT_INFORMATION	"PARENT1_LN" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	AD_PARENT_INFORMATION_PK	P	AD_PARENT_INFORMATION	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME

3 rows returned in 0.03 seconds [Download](#)

### I. Constraint dari table AD\_STUDENTS

OWNER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	R_OWNER	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	DEFERRED	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007455	C	AD_STUDENTS	"FIRST_NAME" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007456	C	AD_STUDENTS	"LAST_NAME" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007457	C	AD_STUDENTS	"REG_YEAR" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007458	C	AD_STUDENTS	"EMAIL" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007459	C	AD_STUDENTS	"PARENT_ID" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	AD_STUDENTS_PK	P	AD_STUDENTS	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME
ACADEMIC_ISEPLUTPINUR	AD_STUDENTS_FK	R	AD_STUDENTS	-	ACADEMIC_ISEPLUTPINUR	AD_PARENT_INFORMATION_PK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME
ACADEMIC_ISEPLUTPINUR	AD_STUDENTS_EMAIL_UK	U	AD_STUDENTS	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME

8 rows returned in 0.03 seconds [Download](#)

### J. Constraint dari table AD\_STUDENT\_ATTENDANCE

OWNER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	R_OWNER	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	DEFERRED	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007471	C	AD_STUDENT_ATTENDANCE	"NUM_WORK_DAYS" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	SYS_C007472	C	AD_STUDENT_ATTENDANCE	"NUM_DAYS_OFF" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	GENERATED
ACADEMIC_ISEPLUTPINUR	AD_STUDENT_ATTENDANCE_PK	P	AD_STUDENT_ATTENDANCE	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME
ACADEMIC_ISEPLUTPINUR	AD_STUDENT_ATTENDANCE_FK1	R	AD_STUDENT_ATTENDANCE	-	ACADEMIC_ISEPLUTPINUR	AD_STUDENTS_PK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME
ACADEMIC_ISEPLUTPINUR	AD_STUDENT_ATTENDANCE_FK2	R	AD_STUDENT_ATTENDANCE	-	ACADEMIC_ISEPLUTPINUR	AD_ACADEMIC_SESSIONS_PK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATED	USER NAME

5 rows returned in 0.03 seconds [Download](#)

**K. Constraint dari table AD\_STUDENT\_COURSE\_DETAILS**

	OWNER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	R_OWNER	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	DEFERRED
	ACADEMIC_ISEPLUTPINUR	SYS_C007469	C	AD_STUDENT_COURSE_DETAILS	"GRADE" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE
	ACADEMIC_ISEPLUTPINUR	AD_STUDENT_COURSE_PK	P	AD_STUDENT_COURSE_DETAILS	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE
	ACADEMIC_ISEPLUTPINUR	AD_STUDENT_COURSE_FK1	R	AD_STUDENT_COURSE_DETAILS	-	ACADEMIC_ISEPLUTPINUR	AD_STUDENTS_PK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE
	ACADEMIC_ISEPLUTPINUR	AD_STUDENT_COURSE_FK2	R	AD_STUDENT_COURSE_DETAILS	-	ACADEMIC_ISEPLUTPINUR	AD_COURSES_FK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE

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**L. Constraint dari table AD\_FACULTY\_COURSE\_DETAILS**

	OWNER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	R_OWNER	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	DEFERRED
	ACADEMIC_ISEPLUTPINUR	SYS_C007473	C	AD_FACULTY_COURSE_DETAILS	"CONTACT_HRS" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE
	ACADEMIC_ISEPLUTPINUR	AD_FACULTY_COURSE_PK	P	AD_FACULTY_COURSE_DETAILS	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE
	ACADEMIC_ISEPLUTPINUR	AD_FACULTY_COURSE_FK1	R	AD_FACULTY_COURSE_DETAILS	-	ACADEMIC_ISEPLUTPINUR	AD_FACULTY_PK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE
	ACADEMIC_ISEPLUTPINUR	AD_FACULTY_COURSE_FK2	R	AD_FACULTY_COURSE_DETAILS	-	ACADEMIC_ISEPLUTPINUR	AD_COURSES_PK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE

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#### M. Constraint dari table AD\_FACULTY\_LOGIN\_DETAILS

OWNER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	R_OWNER	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	DEFERRED
ACADEMIC_ISEPLUTPINUR	SYS_C007470	C	AD_FACULTY_LOGIN_DETAILS	"LOGIN_DATE_TIME" IS NOT NULL	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE
ACADEMIC_ISEPLUTPINUR	AD_FACULTY_LOGIN_PK	P	AD_FACULTY_LOGIN_DETAILS	-	-	-	-	ENABLED	NOT DEFERRABLE	IMMEDIATE
ACADEMIC_ISEPLUTPINUR	AD_FACULTY_LOGIN_FK	R	AD_FACULTY_LOGIN_DETAILS	-	ACADEMIC_ISEPLUTPINUR	AD_FACULTY_PK	NO ACTION	ENABLED	NOT DEFERRABLE	IMMEDIATE

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- Alter the table `AD_FACULTY_LOGIN_DETAILS` and specify a default value for the column `LOGIN_DATE_TIME` of `SYSDATE`.

Object Type **TABLE** Object **AD\_FACULTY\_LOGIN\_DETAILS**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
AD_FACULTY_LOGIN_DETAILS	FACULTY_ID	NUMBER	22	-	-	1	-	-	-
	LOGIN_DATE_TIME	TIMESTAMP(6)	11	-	6	2	-	SYSDATE	-
1 - 2									

**3. Set the AD\_PARENT\_INFORMATION table to a read-only status.**

Object Type **TABLE** Object **AD\_PARENT\_INFORMATION**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
AD_PARENT_INFORMATION	ID	NUMBER	22	-	-	1	-	-	-
	PARENT1_FN	VARCHAR2	50	-	-	-	-	-	-
	PARENT1_LN	VARCHAR2	50	-	-	-	-	-	-
	PARENT2_FN	VARCHAR2	50	-	-	-	✓	-	-
	PARENT2_LN	VARCHAR2	50	-	-	-	✓	-	-
1 - 5									

### Exercise 3: Creating Composite Primary, Foreign and Unique Keys

**1. Create the DEPT table with the following structure:**

Object Type **TABLE** Object **DEPT**[illegible]

