

DBMS PROJECT 2 – PHASE 3 IMPLEMENTATION

1. csrr_group03=> SELECT * FROM STUDENT WHERE S_id=101;

s_id	s_fname	s_mname	s_lname	s_univ_email	s_dob	s_start_date	s_end_date	s_currently_pursuing	s_credits_earned	s_current_gpa	pro_email	sex
101	james2	lenon2	smith2	james2@unm.edu	1992-05-18	2017-05-09		phd	53	3.30	sharat2@unm.edu	M

(1 row)

2. csrr_group03=> SELECT S_id,S_fname,S_mname,S_lname FROM STUDENT WHERE Pro_email = 'sharat1@unm.edu';

s_id	s_fname	s_mname	s_lname
100	james1	lenon1	smith1

(1 row)

3. csrr_group03=> SELECT Pro_fname,Pro_lname,Pro_email FROM PROFESSOR WHERE Pro_email NOT IN (SELECT Pro_email FROM STUDENT);

pro_fname	pro_lname	pro_email
sharat	reddy	sharat@unm.edu

(1 row)

4. csrr_group03=> SELECT S.S_id,T.Tutor_id,S.S_fname,S.S_lname,H.Course_number FROM STUDENT S,TUTOR T,helps_with H WHERE S.S_id IN (SELECT T.S_id FROM TUTOR WHERE T.Tutor_id IN (SELECT H.Tutor_id FROM helps_with));

s_id	tutor_id	s_fname	s_lname	course_number
101	T101	james2	smith2	CS101
105	T102	james6	smith6	CS102
109	T103	james10	smith10	CS103

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114	T104	james15	smith15	ECE104
118	T105	james19	smith19	CS105
119	T106	james20	smith20	CS110
124	T107	james25	smith25	MATH121
128	T108	james29	smith29	ECE119
130	T110	james31	smith31	MATH147
134	T111	james35	smith35	CS129
137	T112	james38	smith38	CS115
138	T113	james39	smith39	CS127
139	T114	james40	smith40	ECE137
140	T115	james41	smith41	CS103
142	T116	james43	smith43	ECE142
144	T117	james45	smith45	CS122
146	T118	james47	smith47	CS138
147	T119	james48	smith48	CE117
149	T120	james50	smith50	CS120
103	T121	james4	smith4	CS132
107	T122	james8	smith8	CS128
112	T123	james13	smith13	MATH133
121	T124	james22	smith22	ECE130
132	T125	james33	smith33	CS118
109	T103	james10	smith10	CS113
114	T104	james15	smith15	CS128
118	T105	james19	smith19	CS108
119	T106	james20	smith20	CS144
124	T107	james25	smith25	CS143
128	T108	james29	smith29	CE124
130	T110	james31	smith31	CS136
140	T115	james41	smith41	CS118
142	T116	james43	smith43	CS106
144	T117	james45	smith45	CS146

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146 | T118 | james47 | smith47 | CS123
107 | T122 | james8 | smith8 | MATH147
112 | T123 | james13 | smith13 | CS138
121 | T124 | james22 | smith22 | CS111
132 | T125 | james33 | smith33 | ECE109
149 | T120 | james50 | smith50 | CS129
103 | T121 | james4 | smith4 | ECE142
107 | T122 | james8 | smith8 | CS141
112 | T123 | james13 | smith13 | CS131
(43 rows)
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5. csrr_group03=> SELECT DISTINCT t1.S_id from takes t1,takes t2,pre_requisites p WHERE p.course_number=t1.course_number and p.pre_req_number=t2.course_number and t1.s_id=t2.s_id and t1.taken_sem=t2.taken_sem and t1.taken_year=t2.taken_year;

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s_id
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100
104
105
110
117
123
127
131
141
146
```

```
(10 rows)
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OWN QUERY:

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csrr_group03=> SELECT s_id,s_fname,s_lname FROM STUDENT WHERE S_id IN (SELECT S_id FROM Consults WHERE Tutor_id='T110');
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s_id	s_fname	s_lname
106	james7	smith7
120	james21	smith21
126	james27	smith27

(3 rows)