```sql
                        -- Day Two - Oracle: User JR and setting permissions: Synonyms
/* In this example, the user HR (been using righ now), represents THE USER SÊNIOR (or DBA, if you prefer) */

 /* We have 7 tables (REGIONS, LOCATIONS, JOBS, JOB_HISTORY, EMPLOYEES, DEPARTMENTS and COUNTRIES), HOWEVER,
      we going to use just TWO - EMPLOYEES and JOBS */

-- Let's CREATE SYNONYMS, for user JR can use objects/tables without much access
-- for table EMPLOYEES
CREATE PUBLIC SYNONYM JR_EMPLOYEES FOR EMPLOYEES;
-- for table JOBS
CREATE PUBLIC SYNONYM JR_JOBS FOR JOBS;

-- NOW, CRETE USER
CREATE USER JR IDENTIFIED BY i_am_junior;
-- Priviligies settings
GRANT CONNECT TO JR;

-- ACCESS TO SYNONYMS
GRANT SELECT ON JR_EMPLOYEES TO JR;
GRANT SELECT ON JR_JOBS TO JR;

-- SPECIFIC UPDATE FIELD
GRANT UPDATE (EMAIL, PHONE_NUMBER) ON JR_EMPLOYEES TO JR;
COMMIT;
-- VERIFY
SELECT * FROM dba_sys_privs;
```

jr_XEPDB1

Planilha | Query Builder

```sql
            -- DayTwo: Oracle Junior Tests
            SET SERVEROUTPUT ON;
select * from jr_employees WHERE first_name LIKE 'H%';
select * from jr_jobs;
-- ok - Access to Synonyms, not tables
select * from HR.countries;
-- Blocked !
-- Now, let's to try update !
UPDATE jr_jobs SET min_salary = 200 WHERE job_id = 'AD_PRES';
-- block !
UPDATE jr_employees SET email = 'HBAER@oracle.COM' WHERE employee_id = 204; -- old email =HBAER
UPDATE jr_employees SET email = 'HBLOOM@GOOGLE.COM' WHERE employee_id = 169; -- old email HBLOOM
-- ok, both
UPDATE jr_employees SET PHONE_NUMBER = '212.989.0011' WHERE employee_id = 204; -- old phone_number = 515.123.8888
--ok --- can i update salary ?
UPDATE jr_employees SET SALARy = 700 WHERE employee_id = 204; -- old salary = 10000
-- BLOCK ! I only can update specific fields !
```

Saída do Script ✕ | ▶ Resultado da Consulta ✕

SQL | Todas as Linhas Extraídas: 3 em 0,003 segundos

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	204	Hermann	Baer	HBAER@oracle.COM	212.989.0011	07/06/02	PR_REP	10000	(null)	101	70
2	169	Harrison	Bloom	HBLOOM@GOOGLE.COM	011.44.1343.829268	23/03/06	SA_REP	10000	0,2	148	80
3	136	Hazel	Philtanker	HPHILTAN	650.127.1634	06/02/08	ST_CLERK	2200	(null)	122	50