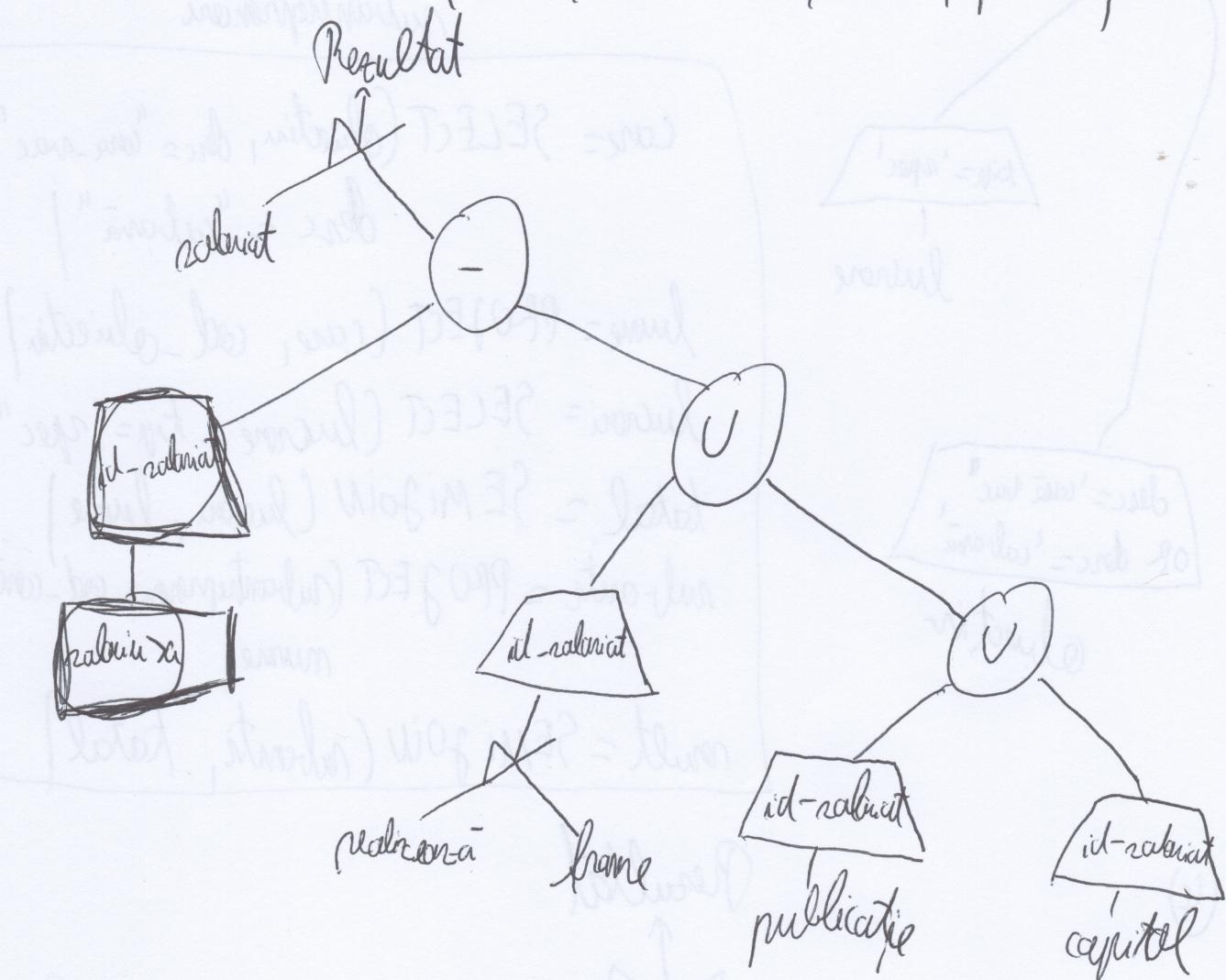


Tema curs 7

1. $\text{proj} = \text{PROJECT}(\text{SELECT}(\text{proj_inchiriat}, \text{fibala} = 15, \text{chiril} < 1000), \text{id})$
 $\text{ids} = \text{DIVIDE}(\text{PROJECT}(\text{Vizionarea}, \text{id_chiria}, \text{id_proj}), \text{proj})$
 $\text{result} = \text{PROJECT}(\text{SELECT}(\text{chiria}, \text{id} \text{ in } \text{ids}), \text{nume}, \text{prenume})$

2.



$\text{funi} = \text{PROJECT}(\text{SELECT}(\text{realizatora}, \text{zabini} > a), \text{id_realizator})$
 $\text{sol1} = \text{UNION}(\text{PROJECT}(\text{publicatie}, \text{id_realizat}), \text{PROJECT}(\text{capital}, \text{id_realizat}))$
 $\text{sol2} = \text{UNION}(\text{sol1}, \text{PROJECT}(\text{SEMI-JOIN}(\text{realizatora}, \text{frame}), \text{id_realizat}))$
 $\text{result} = \text{SEMI-JOIN}(\text{realizator}, \text{DIFFERENCE}(\text{funi}, \text{sol2}))$

3.

Resultat

cod-contr, nume

subcontractor

tip = 'spec'

lumene

desc = 'lumă vac'
OR desc = 'cabană'

obiectiv

care = SELECT (obiectiv, desc = "lumă vac" OR
desc = "cabană")

lumene = PROJECT (care, cod-obiectiv)

lumoni = SELECT (lumene, tip = "spec")

total = SEMI JOIN (lumoni, lume)

sub-contr = PROJECT (subcontractor, cod-contratant,
nume)

result = SEMI JOIN (sub-contr, total)

(4)

Resultat

telefon
cod-contr

tip-contr = 'lum'

Contractant

val-investitie
durata, cod-contr

val-inv < lim
val-inv > lim

Contract

