

Diagrama E/R

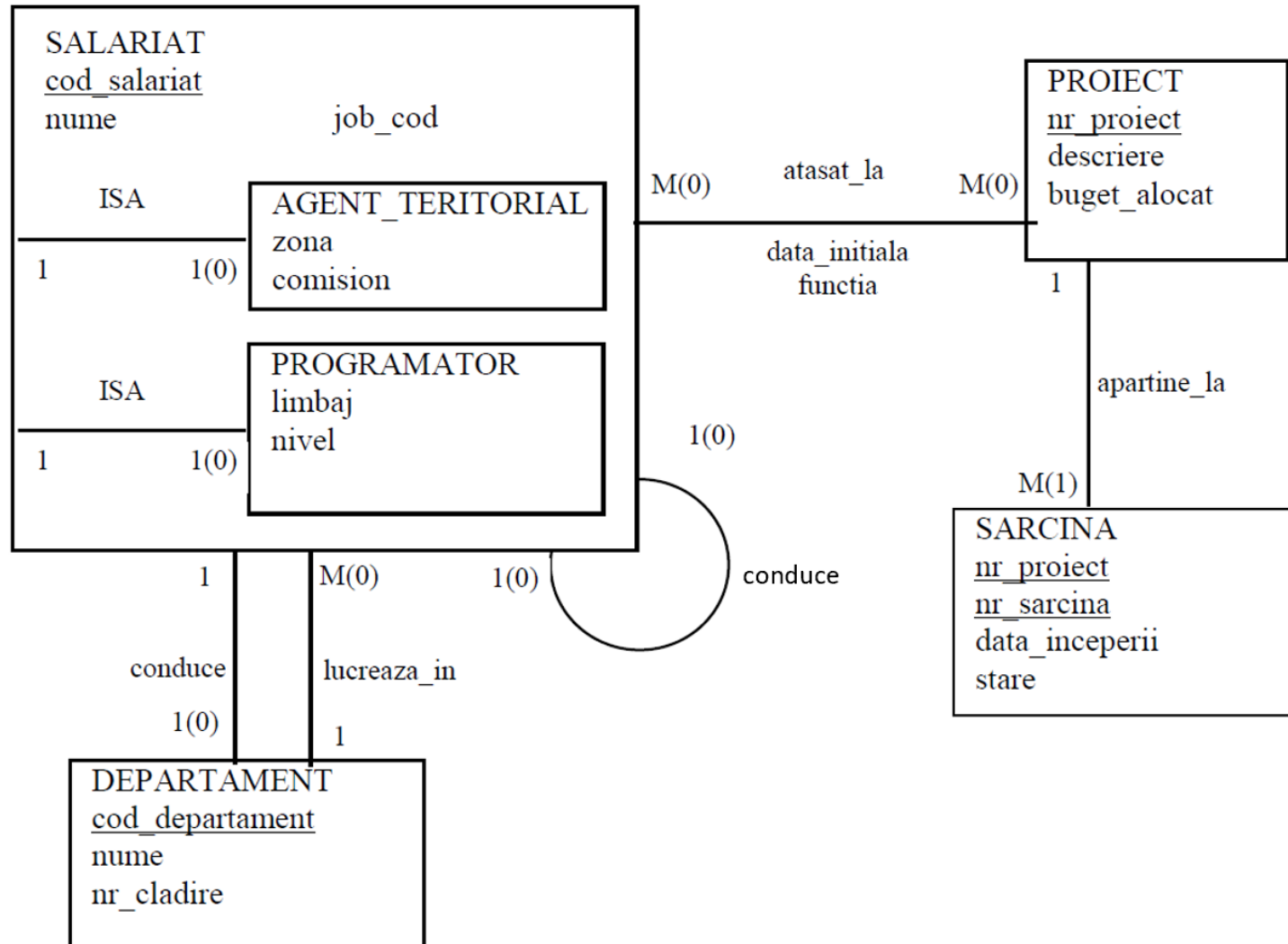
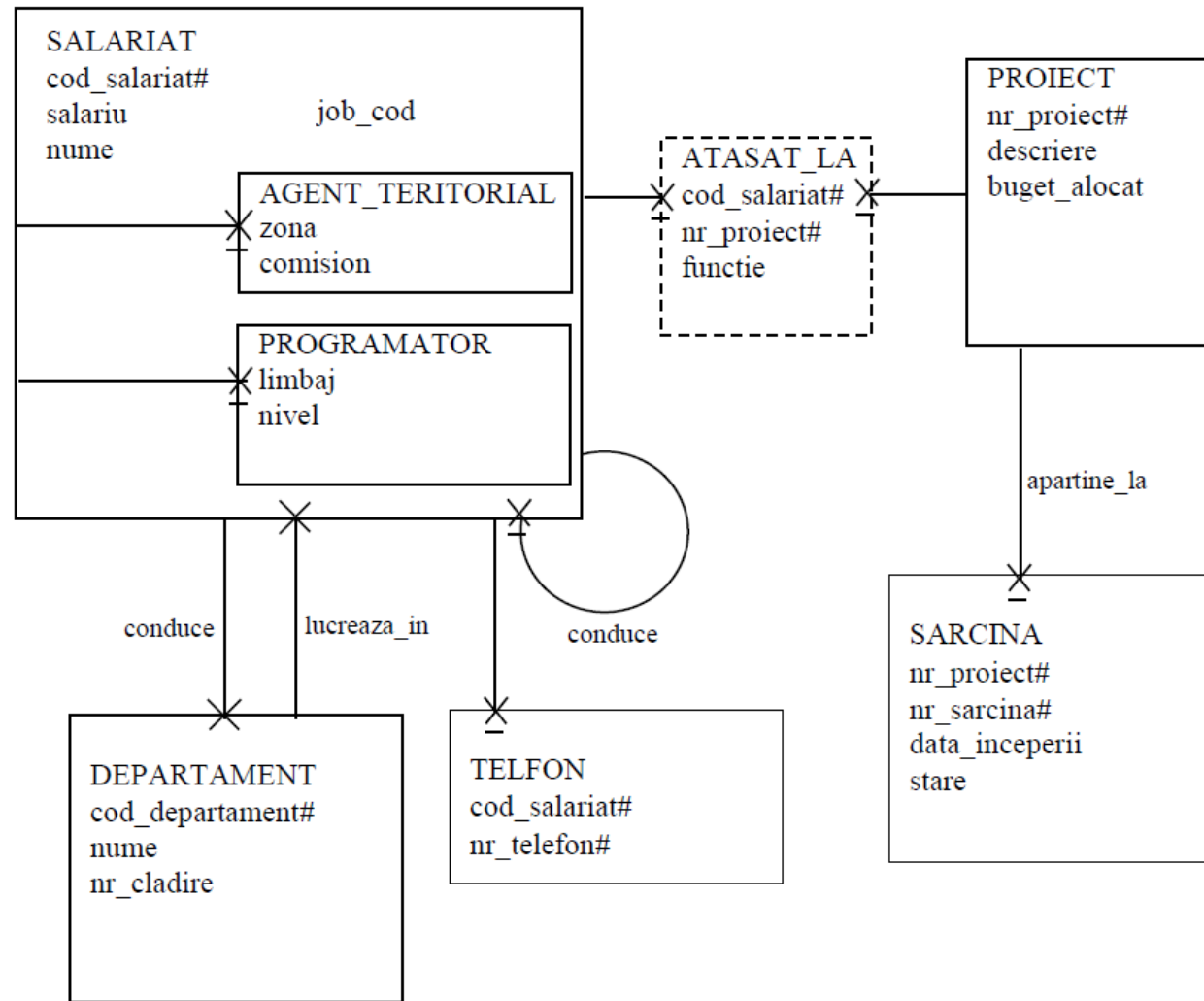
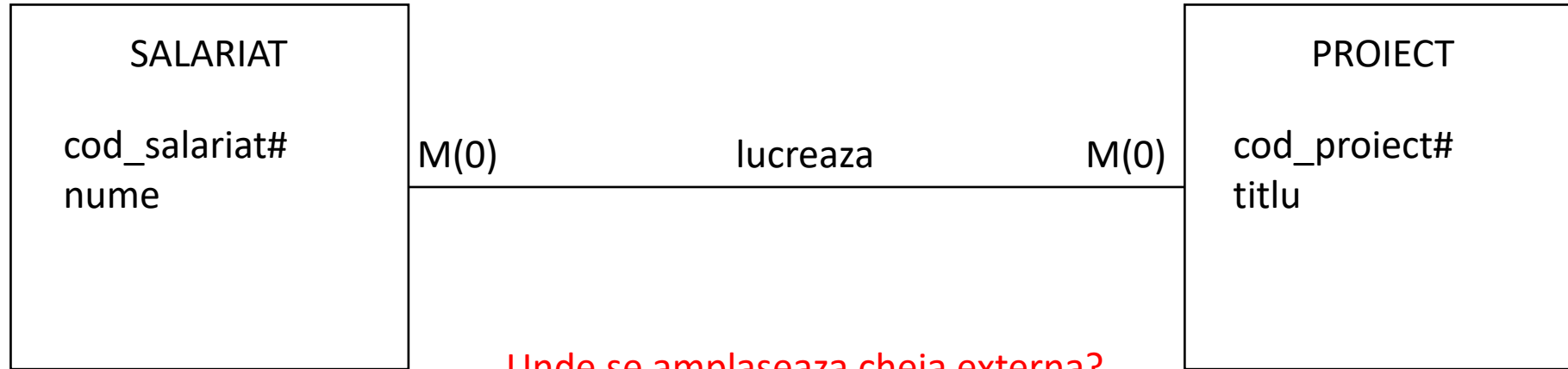


Diagrama E/R.

Diagrama Conceptuala



Relatia m:n(many-to-many) – tabel asociativ



Unde se amplaseaza cheia externa?

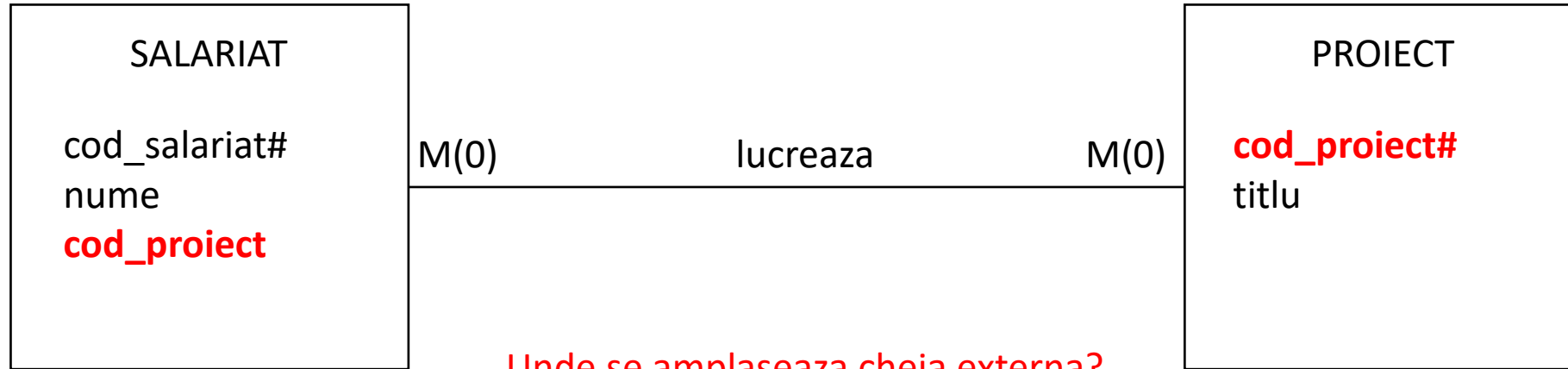


100 KING
101 JOHN
102 POP
103 GRANT

10 ABC
20 XYZ
30 DEF

Varianta 1: cheia primara din PROIECT devine cheia externa in SALARIAT

Relatia m:n(many-to-many) – tabel asociativ

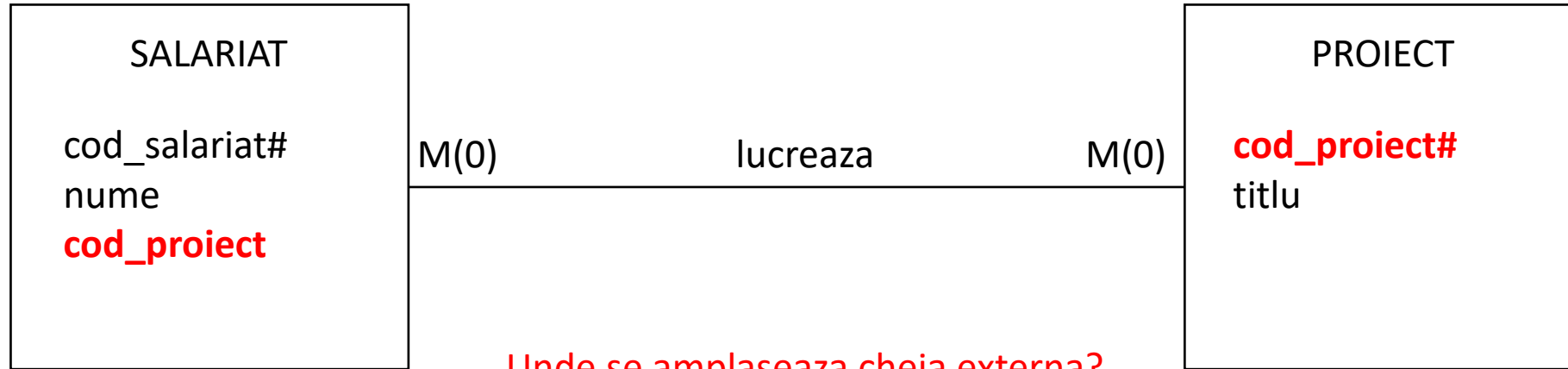


100 KING 10
101 JOHN 10
102 POP 20
103 GRANT 10

Varianta 1: cheia primara din PROIECT devine cheia externa in SALARIAT

Ce problema nu rezolva modelul?

Relatia m:n(many-to-many) – tabel asociativ



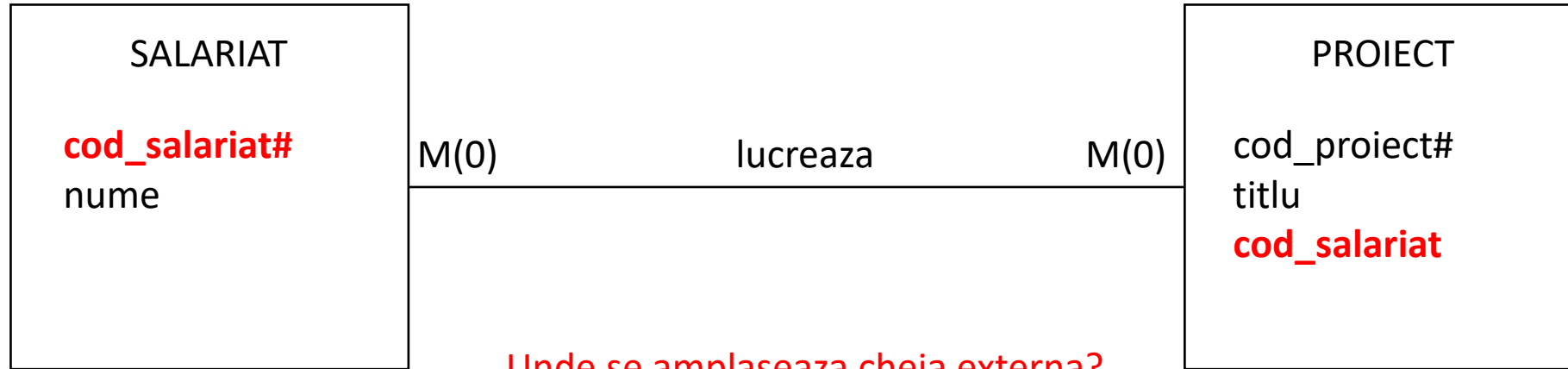
100 KING 10
101 JOHN 10
102 POP 20
103 GRANT 10
~~103 GRANT 20~~

**Varianta 1: cheia primara din PROIECT
devine cheia externa in SALARIAT**

Ce problema nu rezolva modelul?

→ **Un angajat nu poate lucra la mai multe proiecte**

Relatia m:n(many-to-many) – tabel asociativ



Unde se amplaseaza cheia externa?



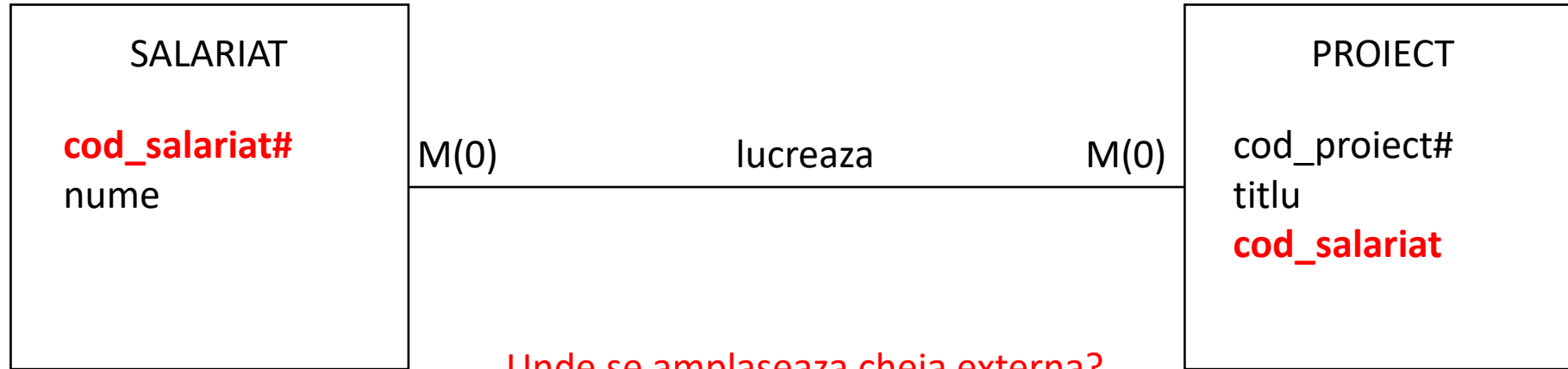
Varianta 2: cheia primara din SALARIAT devine cheie externa in PROIECT



10	ABC	100
20	XYZ	100
30	DEF	200

Ce problema nu rezolva modelul?

Relatia m:n(many-to-many) – tabel asociativ



Unde se amplaseaza cheia externa?



Varianta 2: cheia primara din SALARIAT devine cheie externa in PROIECT



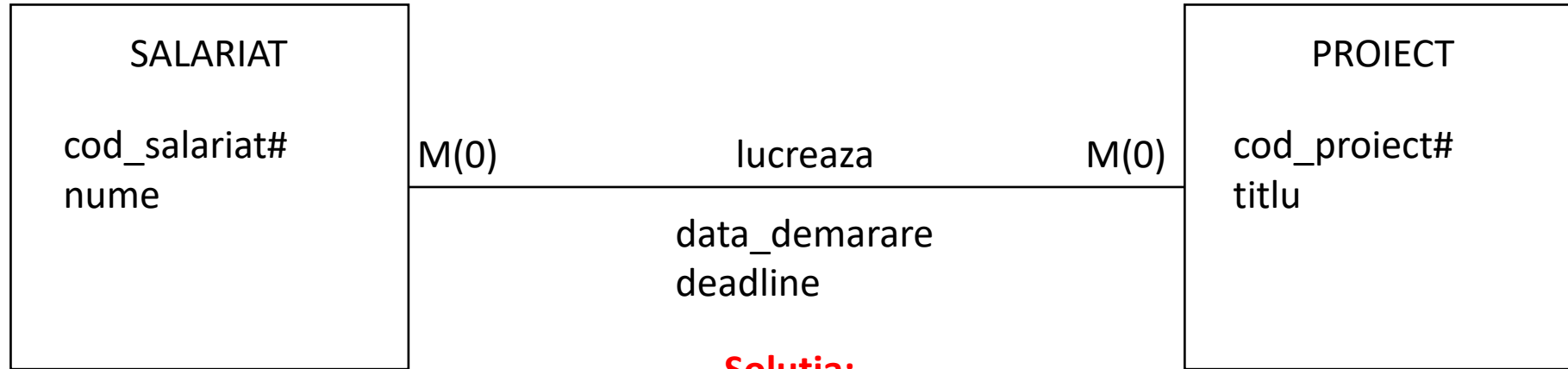
10	ABC	100
20	XYZ	100
30	DEF	200
30	DEF	100

Ce problema nu rezolva modelul?



In cadrul unui proiect nu pot lucra mai multi angajati

Relatia m:n(many-to-many) – tabel asociativ

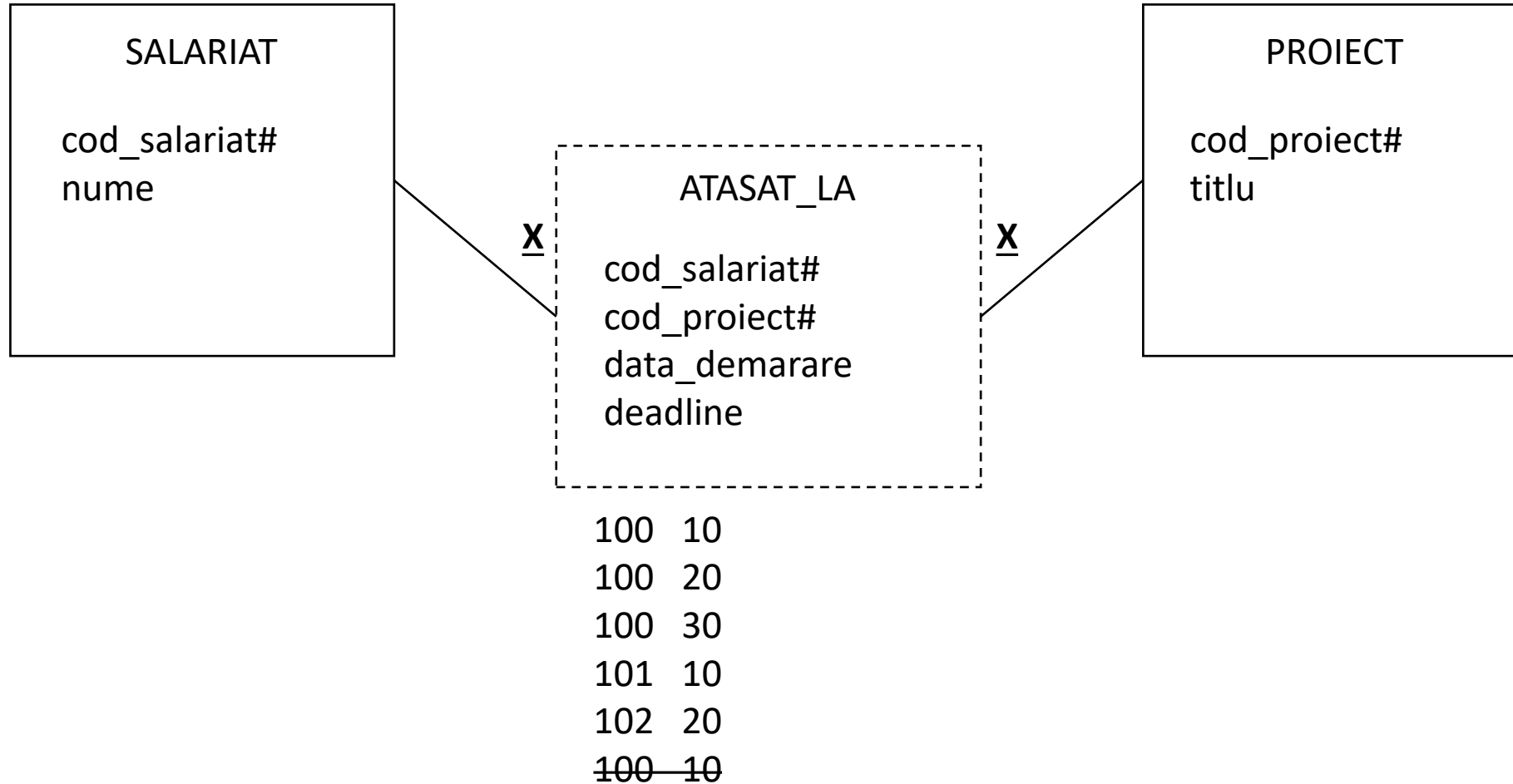


Solutia:



Relatia devine TABEL ASOCIATIV

Relatia m:n(many-to-many) – tabel asociativ



Deoarece cheia externa face parte din cheia primara, se va utiliza X