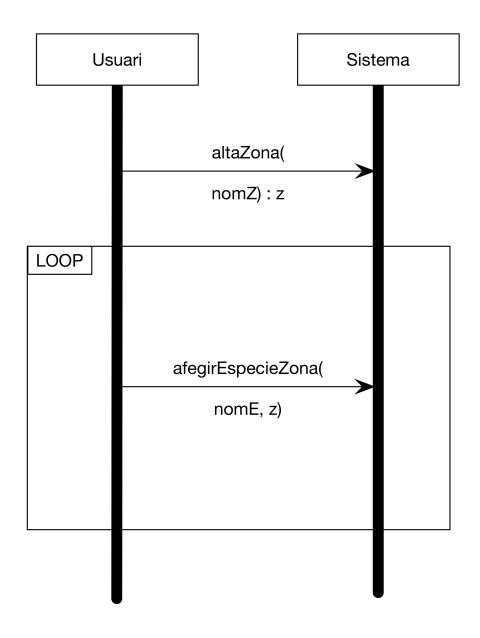


ex.nom = nomEx and ex.sexe = sexeEx and

result = ex

ex.especie.nom = nomEsp and



```
context: Sistema::altaZona(nomZ: String) : Zona
        Zona.allInstances()->exists(z |
           z.oclIsNew() and
           z.nom = nomZ and
           result = z
context: Sistema::afegirEspecieZona(nomEsp: String, zo: Zona, nomPais: Pais, estatCons: TipusEstat)
        if not Especie.allInstances()->exists(e |
               e.nom = nomEsp
        then
           nomPais.notEmpty() and
           estatCons.notEmpty() and
           Pais.allInstances()->exists(p |
                p.nom = nomPais
        endif
        if not Especie.allInstances()@pre->exists(e |
                e.nom = nomEsp
        then
           zo.especie->exists(e |
               e.oclIsNew() and
                e.nom = nomEsp and
                e.pais->exists(p |
                   p.nom = nomPais
                ) and
                Localitzacio.allInstances()->exists(| |
                   l.especie.nom = nomEsp and
                   l.pais.nom = nomPais and
                   l.estatConservacio = estatCons
        else
            zo.especie->exists(e |
                e.nom = nomEsp
        endif
```

Usuari

Sistema

consultaAgressionsRellevants(

nomEx): agr

```
3.
context: Sistema::consultaAgressionsRellevants(nomEx: String) : Set(TupleType(data: Data, nomFerit: String))
        Exemplar.allInstances()->exists(ex |
            ex.nom = nomEx and
            not Localitzacio.allInstances()->exists(l |
                ex.especie.pais.nom->includes(l.pais.nom) and
                l.especie.nom = ex.especie.nom and
                l.estatConservacio = TipusEstat.EnPerillGreu
    body:
        result = Agressio.allInstances()->select(a |
            a.agressor.nom = nomEx and
            Localitzacio.allInstances()->exists(l |
                a.agredit.especie.pais.nom->includes(l.pais.nom) and
               l.especie.nom = a.agredit.especie.nom and
                l.estatConservacio = TipusEstat.EnPerillGreu
        )->collect(a |
            Tuple{ data = a.data.data, nomFerit = a.ferit.nom }
```