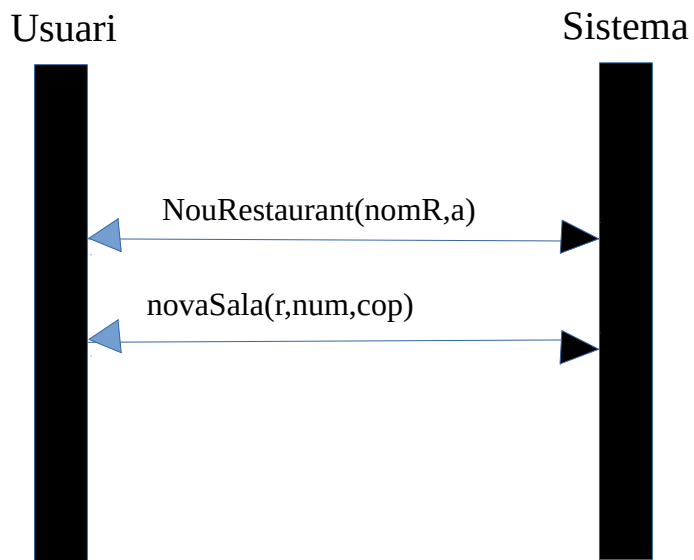


Festes d'Empresa



1.

Context Sistema:: nouRestaurant (nomR: String, a: String): Restaurant

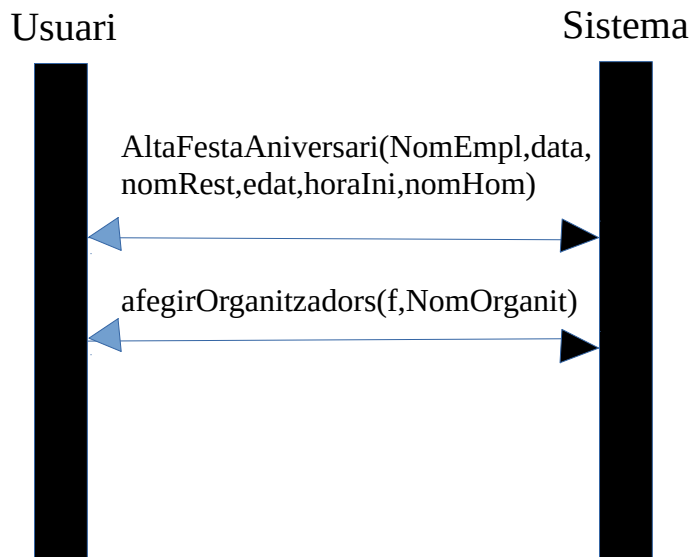
Pre: Restaurant.allInstances()-> size()<100 and Restaurant.allInstances()-> forAll (r | r.sala → size()<=5)

Post: Restaurant.allInstances()->exists(r | r.ocllsNew() and r.nom=nomR and r.adreça=a and result=r)

Context Sistema:: novaSala (r: Restaurant, num: Integer, cap: Integer)

Pre: -

Post: Sala.allInstances()->exists(s | s.ocllsNew() and s.número=num and s.capacitat=cap and s.restaurant=r)



2.

Context Sistema::altaFestaAniversari (nomEmp: String, data:Date, nomRest:String, edat:Natural, horaIni: Integer, nomHom:String): Aniversari

Pre: Empresa.allInstances()->exists (e | e.nom=nomEmp)
 Restaurant.allInstances()->exists (r | e.nom=nomRest)
 TipusDeFesta.allInstances()->exists (tf | tf.nom= "Aniversari")
 Persona.allInstances()->exists (p | p.nom=nomHom)

Post: Aniversari.allInstances()->exists(f | f.ocllsNew() and f.horaInici=horaIni and f.edat=edat and f.empresa.nom=nomEmp and f.data.data = data and f.restaurant.nom = nomRest and f.tipusDeFesta.nom = "Aniversari" and f.homenatjada.nom = nomHom and Assistent.allInstances-> exists(a | a.ocllsNew() and a.pagat and a.festa=f and a.persona.nom=nomHom) and result=f)

Context Sistema::afegirOrganitzador (f:Aniversari, nomOrg:String)

Pre: Persona.allInstances()->exists (p | p.nom=nomOrg)

Post: f.organitzador.nom->includes(nomOrg) and Assistent.allInstances-> exists(a | a.ocllsNew() and a.pagat and a.festa=f and a.persona.nom=nomOrg)