1. To manage property according to Status:

Status 1: The Property is “Available to sell”

Status 2: The Property is “Sold Out”

**Context Property**

**Inv:** self.status = if 1 then self.Available = true and self.soldout = false

      else if status = if 2 then self.Available = false and self.soldout = true

      endif

2. Enquiry message should not be empty and should not exceed 500 characters.

**Context** User

**Inv** : self.message\_detail-> NotEmpty() and self.message\_detail-> size() <= 500

3. User should enter valid password credential at the time of Registration.

**Context** User

**Inv**: password = password.matches((?=.\*\d)(?=.\*[a-z])(?=.\*[A-Z])(?=.\*[@#$%]).{6,20})