Invariantes

$\forall$ r: RESERVA • #(reservaUsuario ⨾ {r}) = 1

$\forall$ r: RESERVA • #(reservaMesa ⨾ {r}) = 1

$\forall$ d: DATA; h: HORARIO •

($\sum$ r: RESERVA | (r, d) $\in$ reservaData $\land$ (r, h) $\in$ reservaHorario • 1)

$\leq$ capacidadeHorario (d, h)

$\forall$ r1, r2: RESERVA •

(r1 $\neq$ r2 $\land$

(reservaUsuario~{r1}) = (reservaUsuario~{r2}) $\land$

(reservaMesa~{r1}) = (reservaMesa~{r2}) $\land$

(reservaData~{r1}) = (reservaData~{r2}) $\land$

(reservaHorario~{r1}) = (reservaHorario~{r2})) $\Rightarrow$ false