Decision Table

* Appointment Priority
  + If patient age is more than 40 years, so he/she get higher priority.
  + If the chosen time is empty, so it will be taken for him/her.
  + M >> Male, F >> Female, E >> Empty, T >> Taken (Not Empty),   
    A >> less than 40 years old, B >> more than 40 years old,   
    H >> higher priority, L >> lower priority, R >> refuse.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 |
| Conditions | | | | | | | | |
| Sex | M | F | M | F | M | F | M | F |
| Time | E | E | T | T | E | E | T | T |
| Age | A | A | A | A | B | B | B | B |
| Actions | | | | | | | | |
| Result | L | L | R | R | H | H | R | R |

* R1, R2 >> R1.
* R3, R4, R7, R8 >> R3.
* R5, R6 >> R2.

|  |  |  |  |
| --- | --- | --- | --- |
|  | R1 | R2 | R3 |
| Conditions | | | |
| Sex | ------------------------ | ------------------------ | ------------------------ |
| Time | E | E | F |
| Age | B | A | ------------------------ |
| Actions | | | |
| Result | H | L | R |

* Rate Doctor
  + If the user was a patient with this doctor (Already had an appointment with him/her and take his/her medicine), so he can rate the doctor.
  + Y >> true, N >> False, Can >> Can rate doctor,  
     Can’t >> Can’t rate doctor.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 |
| Conditions | | | | | | | | |
| Is Patient | Y | N | Y | N | Y | N | Y | N |
| Appointment | Y | Y | N | N | Y | Y | N | N |
| Take prescription | Y | Y | Y | Y | N | N | N | N |
| Actions | | | | | | | | |
| Rate Doctor | Can | Can’t | Can’t | Can’t | Can’t | Can’t | Can’t | Can’t |

* R1 >> R1
* R8, R4 >> R4
* R5 >> R5
* R7, R3 >> R3
* R2, R6 >> R2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | R1 | R2 | R3 | R4 | R5 |
| Conditions | | | | | |
| Is Patient | Y | N | Y | N | Y |
| Appointment | Y | Y | N | N | Y |
| Take prescription | Y | ----- | ----- | ------ | N |
| Actions | | | | | |
| Rate Doctor | Can | Can’t | Can’t | Can’t | Can’t |

* R1 >> R1
* R4, R2 >> R2
* R3 >> R3
* R5 >> R4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | R1 | R2 | R3 | R4 |
| Conditions | | | | |
| Is Patient | Y | N | Y | --- |
| Appointment | Y | --- | N | --- |
| Take prescription | Y | --- | --- | N |
| Actions | | | | |
| Rate Doctor | Can | Can’t | Can’t | Can’t |