



RestaurantTEC

User Manual

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RestaurantEC

User Manual



To correctly run the RestaurantEC app you need to meet some hardware and software requirements shown in this section.

Requirements

Hardware and Software

The development environment used during the development of the RestaurantEC application was:

- ◆ Programming language: Prolog v. 9.0.4
- ◆ IDE : SWI-Prolog
- ◆ Operative System: Windows 10
- ◆ RAM : 8 GB
- ◆ Storage : 300 KB

Try to have these minimum conditions on the computer where you will run the app. Under other conditions we cannot ensure the smooth operation of the application.

Run

After downloading and extracting the source code from the *GitHub* repository [github/CAMANEM/RestaurantEC](https://github.com/CAMANEM/RestaurantEC) you have to go to the *src* directory and open the *RestaurantEC.pl* file in the selected environment.

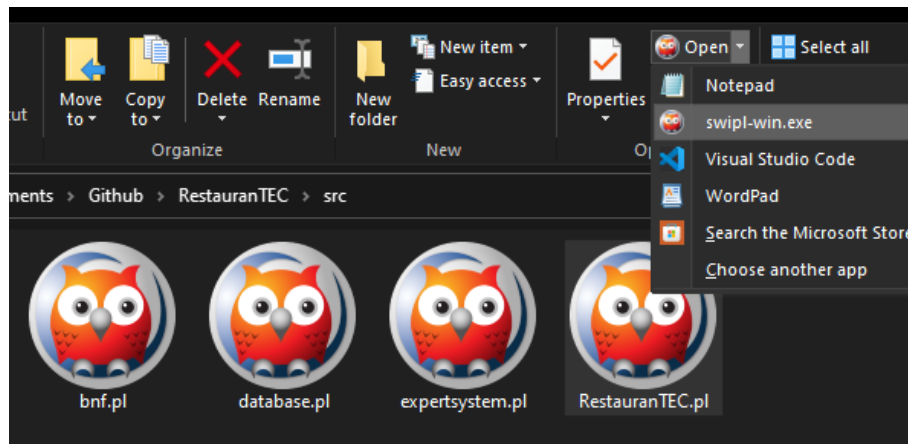


Figure 1. Loading the program in the environment.

After *SWI-Prolog* finishes loading you should be in the welcome view of the app.

```

-RestaurantEC-

-Hola, Bienvenido a RestaurantEC!
-Para pedir informacion puede escribir "ayuda"
-que tipo de comida se te antoja?
|: █


```

Figure 2. RestaurantEC welcome view.

At this point you just have a conversation with the program answering questions to get a recommendation at the end.

Conversations

Answer



```
RestaurantEC: ¿que tipo de comida se te antoja?
User: yo quiero comer comida rapida
RestaurantEC: ¿que tipo de bebida desea tomar?
User: quiero tomar una gaseosa
RestaurantEC: ¿En que zona esta buscando el restaurante?
User: yo preferiria cerca de Cartago
RestaurantEC: ¿Cuantas personas van a asistir?
User: somos 4 personas
RestaurantEC: ¡Encontramos un restaurante ideal!
    Su nombre es: McDonalds
    Se ubica en: 150 m sur del walmart de caballo blanco de Cartago
    Un comentario del restaurante: Este es un restaurante para toda la familia, area de juego para niños
```

Figure 3. RestaurantEC answer mode sample.

Ask



```
RestaurantEC: ¿que tipo de comida se te antoja?
User: que comidas tienen?
RestaurantEC: Tenemos disponible:
    * rapida
    * tipica
    * saludable
    * italiana

User: que comida italiana tienen?
RestaurantEC: Menu de comida: italiana
    + pizza
    + spaghetti
    + lasagna
    + gelato
    + calzone

User: que bebidas tienen?
RestaurantEC: Tenemos disponible:
    * natural
    * caliente
    * gaseosa
    * coctel
    * cerveza
User: adios
```

Figure 4. RestaurantEC ask mode sample.

Notes

Text