



# HSB

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## **WhiskBot Manual**

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# 1) bot.py

**def** `get_url()`

- This method download the content from the URL.

**def** `get_json _from_url()`

- This method parse the downloaded content.

**def** `get_updates()`

- This method calls Telegram API.

**def** `get_last_update_id()`

- This method get the last message ID for the chat.

**def** `prepareResponse()`

- This method handles all the messages and analyze the content of it for further computing.

**def** `handle_updates()`

- This method get called every 0.5s to check for new coming messages.

**def** `handle_reservation()`

- This method is called once a reservation request is detected.

**def** `new()`

- This method create a new reservation once requested.

**def** `cancel()`

- This method cancel a new reservation once requested.

**def** `showDates()`

- This method display the dates on the keyboard instead of the normal keyboard.

**def** `handle_command()`

- This method helps in the reservation making.

**def** `set_Date()`

- This method create a list of dates based on the current date for reservation purposes.

**def** `get_last_chat_id_and_text()`

- This method get the last message for the chat.

**def** `build_keyborad()`

- This method show a customize keyboard to the user.

**def** `send_message()`

- This method send a text message back to the user.

**def** `send_location()`

- This method send a location personified message back to the user.

```
def send_contact()
```

- This method send a contact personified message back to the user.

## 2) dbhelper.py

```
def setup()
```

- This method creates the tables and columns for the database.

```
def create_restaurant()
```

- This method creates the tables and columns for the database.

```
def get_restaurant()
```

- This method return the information of the restaurant.

```
def get_freeTables()
```

- This method count the free table at a certain time to check availability for new reservations.

```
def add_reservation()
```

- This method add a new reservation.

```
def cancel_reservation()
```

- This method delete an already exists reservation.

```
def add_table()
```

- This method add a new table to the restaurant.

```
def add_menu()
```

- This method add a new food or drink to the menu.

## 3) word.json & replies.json

- These folder are written in JSON and used to search for the common and run the algorithms based on the commands detected, then generate replies based on it.