**Tree organization of BionicKitchen**

**BionicKitchen-v<#version>**

* **BionicKitchen**:

1. **Documentation:**

This folder contains documents for better compression and standardization of the project.

1. **BionicKitchen.docx:**

This document contains the general information of the process that the program does.

1. **Error list.txt:**

This text file shows the list of errors that the program can shed (Error code, description and error name).

1. **Google Form.docx:**

This document contains the information about the Survey used to recollect the menu information from the employees.

1. **Hardware information.docx:**

This document contains all the hardware devices used in the project, with the respective specifications.

1. **Installation and Configuration.docx:**

This document is an installation and configuration guide of some tools that the Raspberry needs to run the program.

1. **Requirements Engineering.docx:**

This document contains the acceptance criteria (purpose, description, etc.) of the process that the program execute.

1. **RFID Reader Documentation.pdf:**

This is the official documentation of the RFID Module used in the project.

1. **Template\_DB.xlsx:**

This excel document contains the Data Base standardization, organization of tables, rows and data.

1. **Template\_Encuesta\_de\_Comedor.xlsx:**

This is a template of the excel file that is update each two weeks for the program correct function.

1. **Tree diagram:**

This document contains the organization of all the project files.

1. **Resources**:

This folder contain all scripts for work of the project.

1. **Font:**
2. **Texture:**
3. **arrangedInfo.py:**

The functionality of this script is arranged the information obtain of grabInfo.py and then through those information the script send this information to the gui.py.

1. **design.kv:**

This file contain the design of the program (GUI) in kivy language.

1. **errorList.py:**

This script is a list of possible errors of the program, if occur any error this file send an alert to arrangedInfo.py.

1. **grabInfo.py:**

The functionality of this script is connect to database and through of badge select and extract information of this badge and then send those information to arrangedInfo.py.

1. **gui.py:**

This script is responsible file of join all scripts and show on screen the information.

1. **rfid.py:**

This script only read the badge and send the information obtain to grabInfo.py.

1. **Shutdown.py:**

This script is for turn off / on automatically the Raspberry when power supply button is pressed.

1. **StartProgram.py:**

This script is for run on automatically the BionicKitchen main program (GUI).

1. **toXLSX.py:**

The functionality of this script is convert the control of service in spreadsheet.