

User's Guide to Stickbot

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Stickbot's Use –

1. To check different whether condition and send the data to the system in live time for tracking and analysing.
2. Can identify if the rapeseed's environment is not suitable for a healthy growth.

Future enhancements –

1. More crops will be added, so the bot will detect more than one type of seed.
2. Increasing the radius of the robot to be bigger, and in later future, sending data to the cloud via APIs and receiving it to the system would be possible, meaning long distance communication.
3. Add additional parts to the robot, to increase the versatilities.

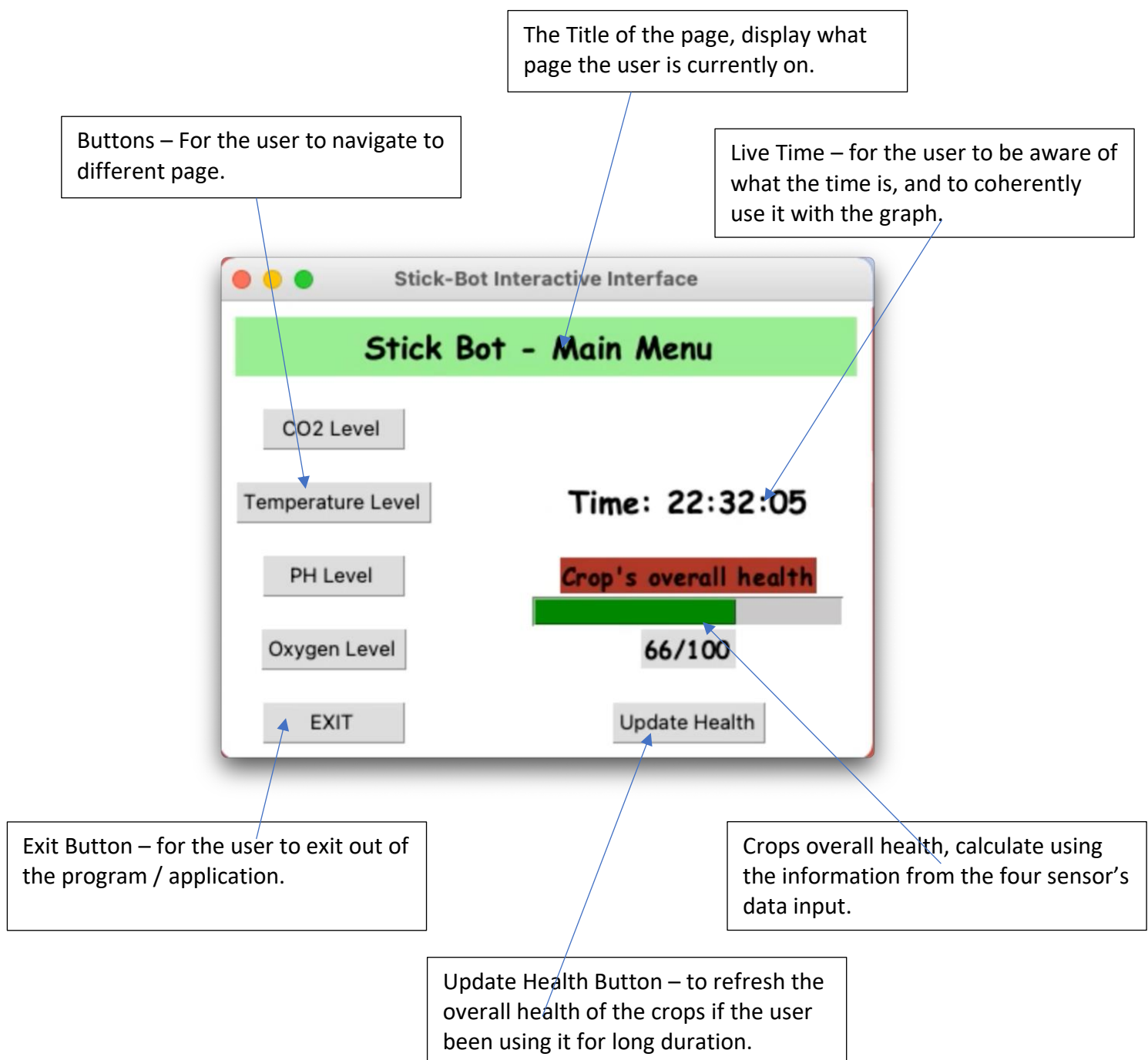
What comes with the Stickbot –

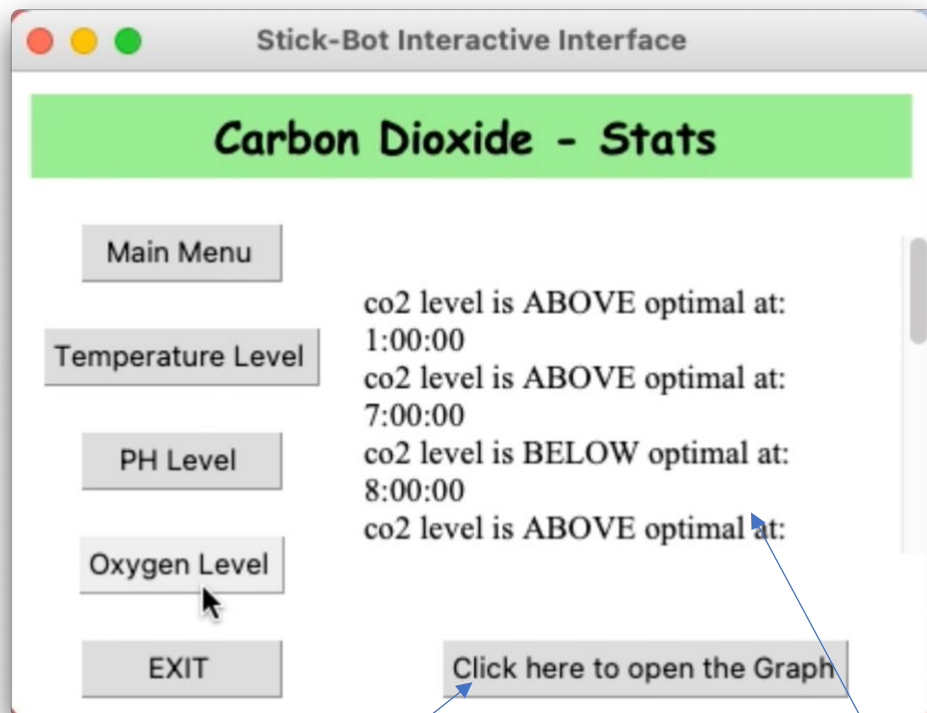
1. The Robot itself, with long lasting batteries. The Robot is chargeable, extra batteries is available for different occasions.
2. An Extra battery, one included in the robot itself. (Two in total)
3. A Charging docks.

What is the GUI –

The GUI stands for Graphical User Interface, its where the user interacts with to make the robot do something, or the user can get information from the robot using the GUI.

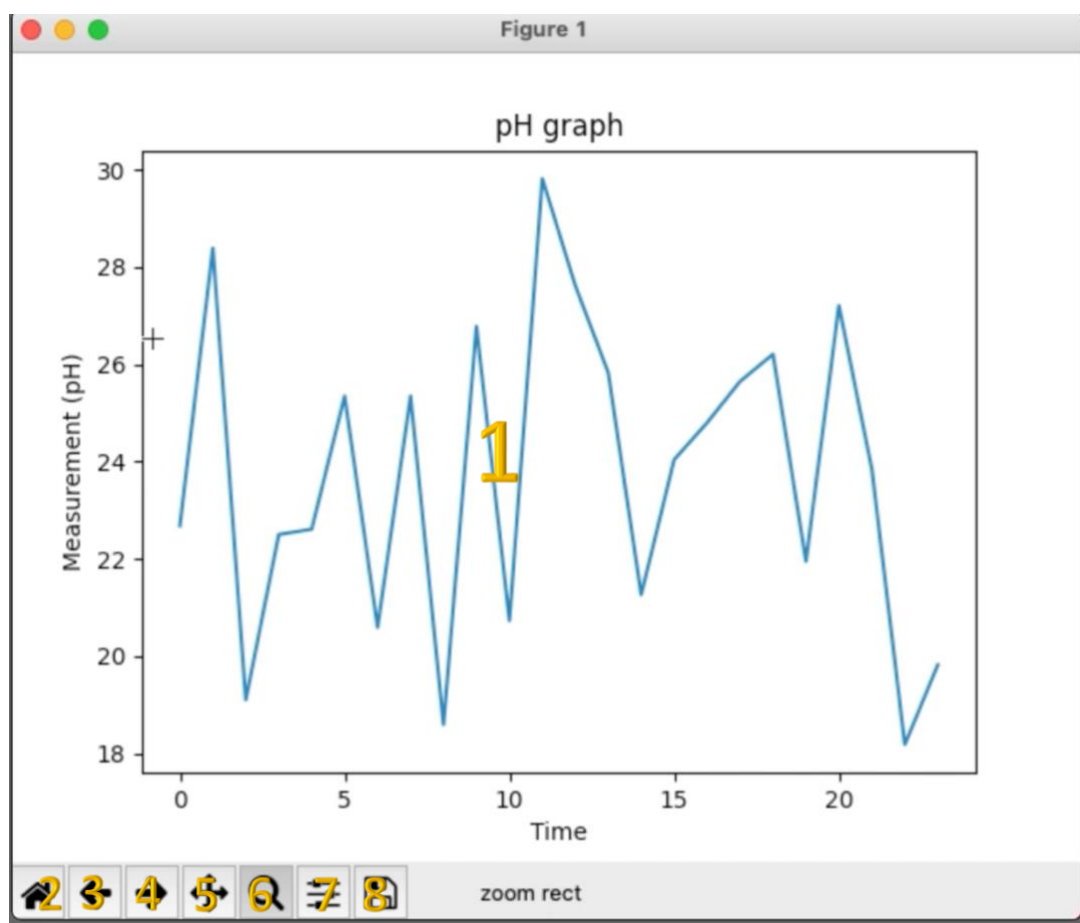
Information on the GUI –





This button will open the graph for the user to interact with.

Displays the errors causes because of the disfunction of the measurement's values.



1. The visual representation of the graph.
2. The home button – when the user has altered the graph, this will reset it.
3. The back button to undo the recent activity.
4. The forward button – the redo the recent activity.
5. The move arrow – the move around the graph to desired time and measurements.
6. The quick look – the go to an accurate and exact time and measurement.
7. The zoom feature, this will let the user zoom in or out of the graph to a certain point in the graph.
8. The save feature – this will enable the user to save the current state of the graph to the local storage area.