

## Black Box Testing - John

### Test – Submitting Plant

User submits a plant; the plant will show up on the plant list with the correct information inputted into it. Invalid inputs are prompted with an error message.

Input	Output	Expected Output
No input	"Please fill out this form"	Should not let user submit
Normal Fields	Plant shows up on Plant form with all accurate information	Submit normally
Input large amount of characters	Database error	Submit normally

*Bugs – Large amount of character entries causes database error*

### Test – Submitting Plant Submission

User submits a plant submission; the plant submission will show up on the plant submission list with the correct information inputted into it. Invalid inputs are prompted with an error message.

Input	Output	Expected Output
No input	"Please fill out this form"	Should not let user submit
Normal Fields	Plant shows up on Plant form with all accurate information	Submit normally
Normal Fields except numbers at Longitude/Latitude	Database error	Should not let user submit
Input large amount of characters	Database error	Submit normally

*Bugs: - Latitude/Longitude is labelled Longitude/Longitude*

- Submitting a text as longitude/latitude causes it to crash
- Large amount of character entries causes database error

### Test – Submit Comment

Once a search is implemented for searching plants, inputting plant characteristics will result in a page of related plants. No plants found will display otherwise.

Input	Output	Expected Output
Blank Comment	Error, website breaks	Should not let user submit
Normal Comment	Submits successfully	Submits successfully
Blank Reply	Error, website breaks	Submits successfully
Normal Reply on first comment	Submits successfully	Submits successfully
Reply to comment below first comment	Reply goes underneath the first comment	Submits successfully

*Bugs: - Cannot hit submit comment with nothing typed into box or it breaks*

- *Replies to comments appear to be applied to the first comment*

### **Test – Search**

A user can write a comment on a plant and the comment will display with the correct input.

Input	Output	Expected Output
Blank search bar	Database Error	No search
Full name of plant submission	Correct output	Plant to come up
Partial name of plant submission	Correct output	Plant to come up
Search with hundreds of characters	Correct output	No results
Search with multiple plants	Correct output	Plants to come up

*Bugs: - When searching nothing a database error shows up*