Plantalogue

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What is the system?

❖ Our client, Dr. Wynn, needs a system that helps keep track of certain plants in the department, the specific care they need, and information for (and about) the students who are caring for them.

How Plantalogue works

- The system is an online website for easy access for all users
- The system has a database of plants, tasks, and users

- Plantalogue is a Private website
- 3 types of users
  a) Admins manage plants and other users.
  b) Workers care for plants
  c) Donors can view their plant

Admin example-

Admin Users:
Can manage a almost all data, and have no restrictions

- ❖ The Admin signs in
  - ➢ Selects Admin sign in
  - ➢ Enters username and password
- ❖ Admin views home page.
  - ➢ From this page, the admin can choose any feature of the website available from the tab menu.
- ❖ Admin manages data:
  - ➢ Travels to plants tab and modifies a plant's name to fix a misspelling
  - ➢ Creates a new user from the users tab.
  - ➢ Deletes an old task no longer in use from the task tab

Worker example-

Worker Users:
Can view plant data and pick up plant tasks

❖ The Worker signs in
  ➢ Selects Worker sign in
  ➢ Enters username and password
❖ Worker views home page.
  ➢ From this page, the worker can choose any task available from the tab menu.
❖ Worker picks up task:
  ➢ Travels to tasks tab and selects plant task
  ➢ Searches for plant in Plants tab
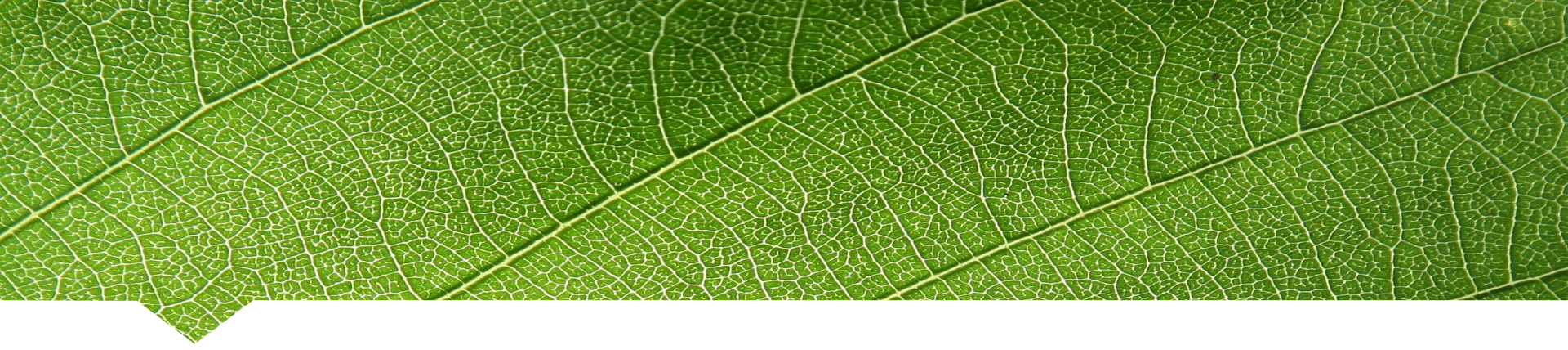 ➢ Performs task and marks task as complete

Donors-

Base Users:
Can view their plant in system, and be contacted by other users

❖ The Donor signs in

➢ Selects Basic sign in

➢ Enters username and password

❖ Donor sees their plant donated.

❖ Contact information is available for the donors

On to the Demo!

❖　(Look out for the tabs for the different information!)

A Few Ending Details

❖ Dr. Wynn mentioned she was thinking of this website in terms of spreadsheets and tabs. Something similar to Excel, but not text based

❖ E-mail capability for convenience of doing everything in one place

❖ Each plant label would be about the size of an index card

❖ Prefer it to be developed for Mozilla Firefox

What was not implemented?

❖ Being able to add a plant care task to a work schedule.

❖ Getting the plant information to relay from the database to the PDF formatted plant label.

❖ Having the plant tasks output onto the calendar.

❖ User profile pages.

Why?

❖ The main reason was that we decided to focus most of our time on implementing the high priorities. Maybe even a little too much time.

❖ However, from our meetings, our client always indicated that we were on the right track. She also made it clear which priorities were more important than others.

Ideas for future additions

- ❖ Profile pages for both plants and users
  - ➢ Ability to upload multiple pictures of one plant, so that you can visually see that growth inside of the website.
- ❖ Implementing a barcode scanning system, so that plants can be easily checked in and out of the lab
- ❖ Creating a mobile "mode", or version of the website so that it is more phone and tablet friendly; or even creating a mobile app
- ❖ Allowing the admin to download the plant database into a format of his/her choosing
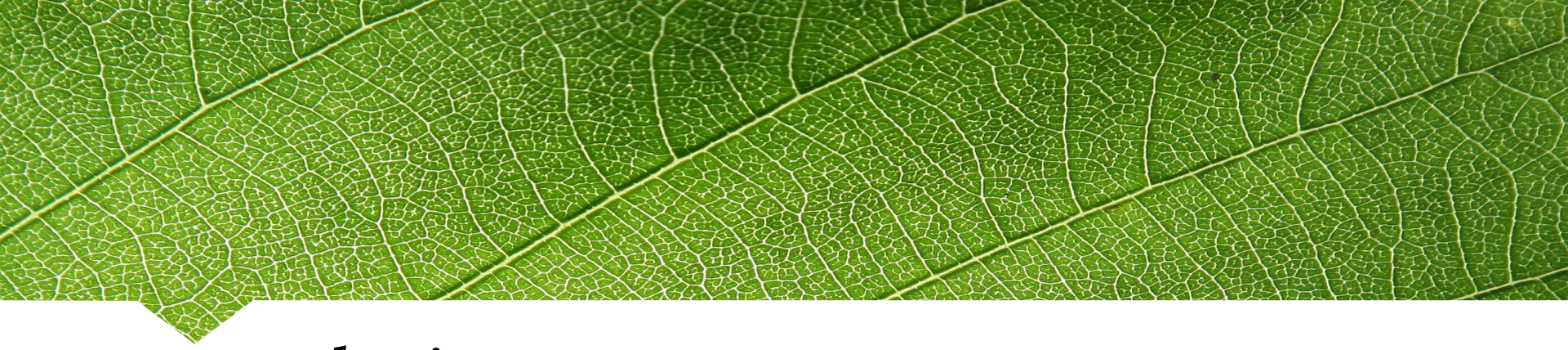
Conclusion

- ❖ This project was about creating a website that is closely linked to a database to make our client's life easier when dealing with the hundreds of plants, and multiple caregivers she has.
- ❖ We feel like we were able to implement the high priorities, and the features that were most important to our client.
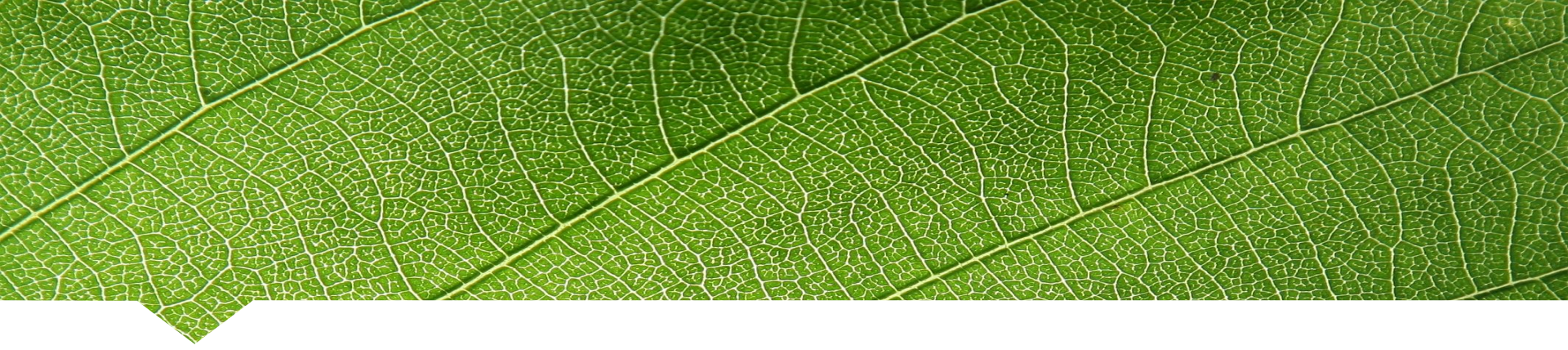
QUESTIONS?
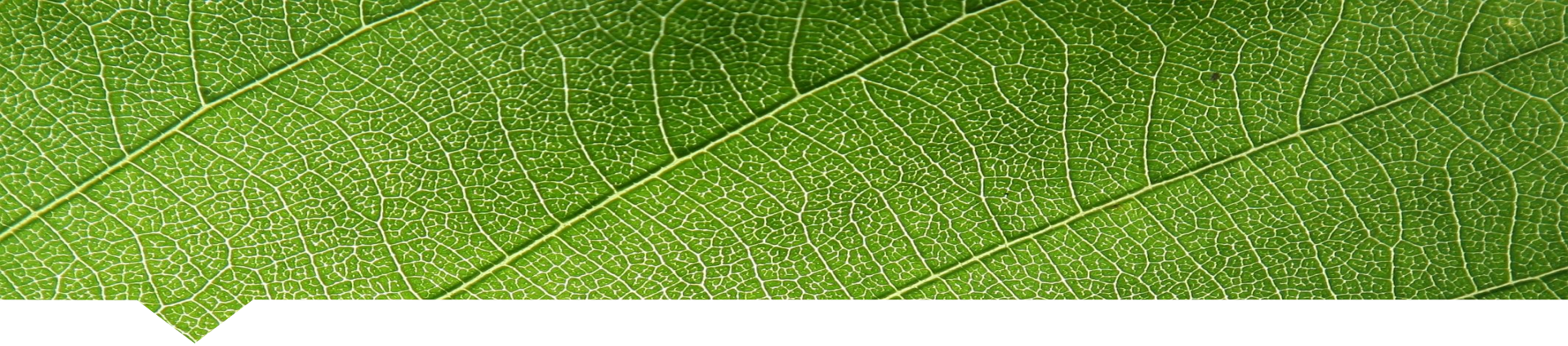
CREDITS/REFERENCES

❖   Presentation template by SlidesCarnival

❖   Photographs by Unsplash

Thank you!