

Criterion F: Product evaluation and future product development

Client evaluation

Dr. Fischer responded to a set of questions on March 9th, 2018, which can be seen in the “Feedback from client” document.

Evaluation of requirements from Criterion B

The extension will be compatible with Firefox and Chrome.

This requirement has been met.

However, installing the extension on Chrome is not currently practical as Google requires extension developers to pay a \$5 fee to publish extensions which can easily be installed by end-users. For now, my client is happy with using Firefox, so I have not done this.

Clicking on the extension icon will reveal an interface that provides the tools requested by my client.

This requirement has been met.

This interface will have a utility for searching PDF attachments on the current record.

This requirement has been met.

The “Attachment” tool is intentionally not shown when information about the the current record cannot be extracted from the webpage.

The interface will have calculators, automatically filled with information from the current record.

This requirement has been met.

The interface will have a button to open an editor with a feature to auto-fill information from templates.

This requirement has not been met.

My client had limited interest in this feature as it existed to some degree in the new EHR (EzyVet) she switched to during the project, so she never sent me any sample templates

Future development

Dr. Fischer expressed interest in improving the product in the following areas:

- Entering drug doses in mg/m^2 : this is reasonably simple, although it might require some more complex form interactions than my input.js module currently abstracts away in order to do well because whenever mg/m^2 is selected, a new drop-down to select animal type would need to appear.
- Showing thumbnails of found documents: This is probably doable using the pdfjs library with minimal effort. While I'm at it, I would also like to change how results are displayed in other ways, such as adding pagination if there are many search results.
- Growth curve modeling: This is a more complex feature, and I would need to consult my client further in order to figure out her exact requirements.
- Tweaks to tool selection: A short delay after the mouse stops moving could be used to prevent accidental selections, but this might make the UX worse. More investigation must be done.

There are some areas of the codebase which are rather messy. If cleaned up, it might be easier to improve the project in other ways in the future.