ACL Research Filter

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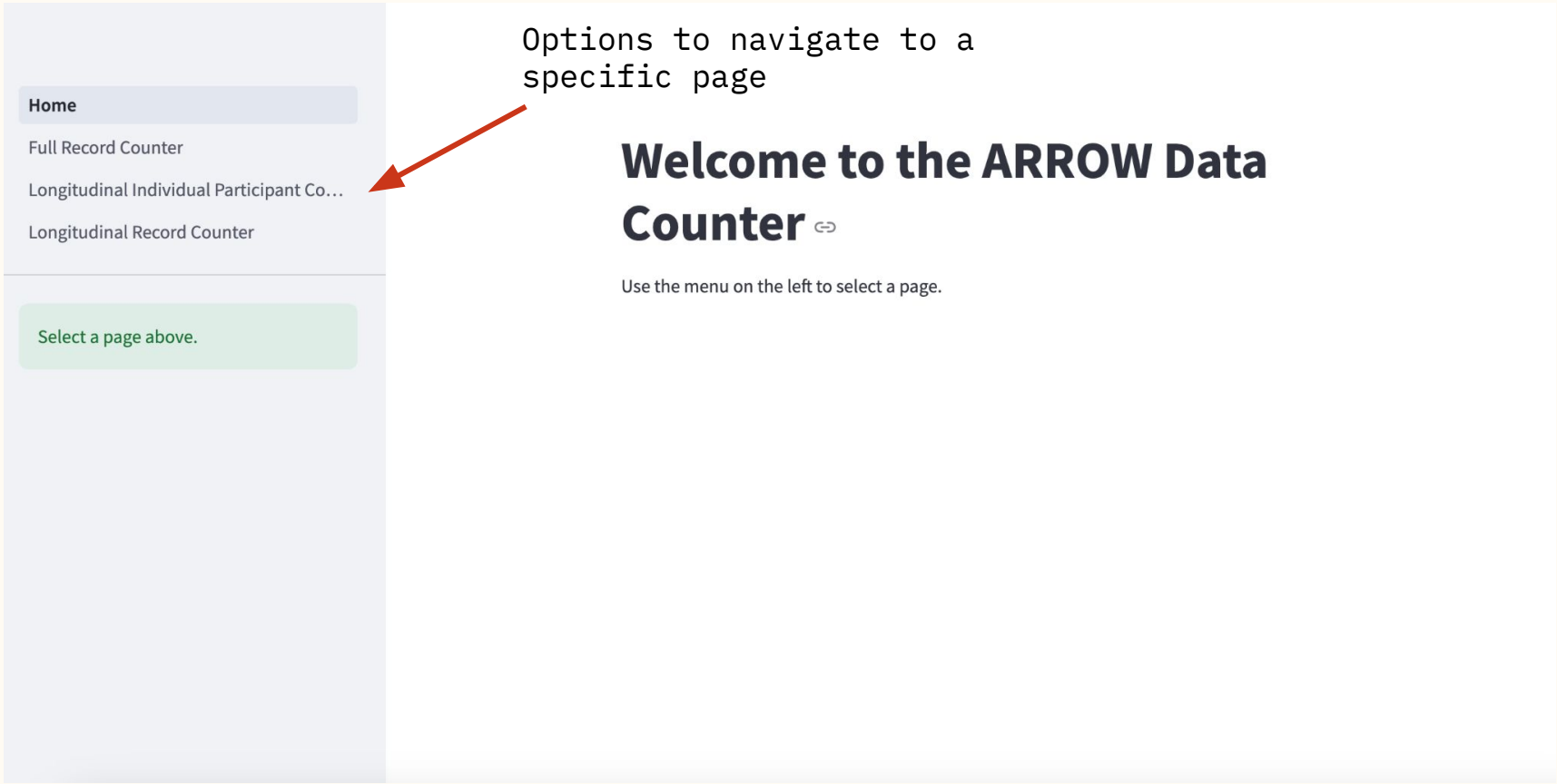
Introduction

Due to patient confidentiality, I am unable to share the direct link to the app I have developed and deployed.

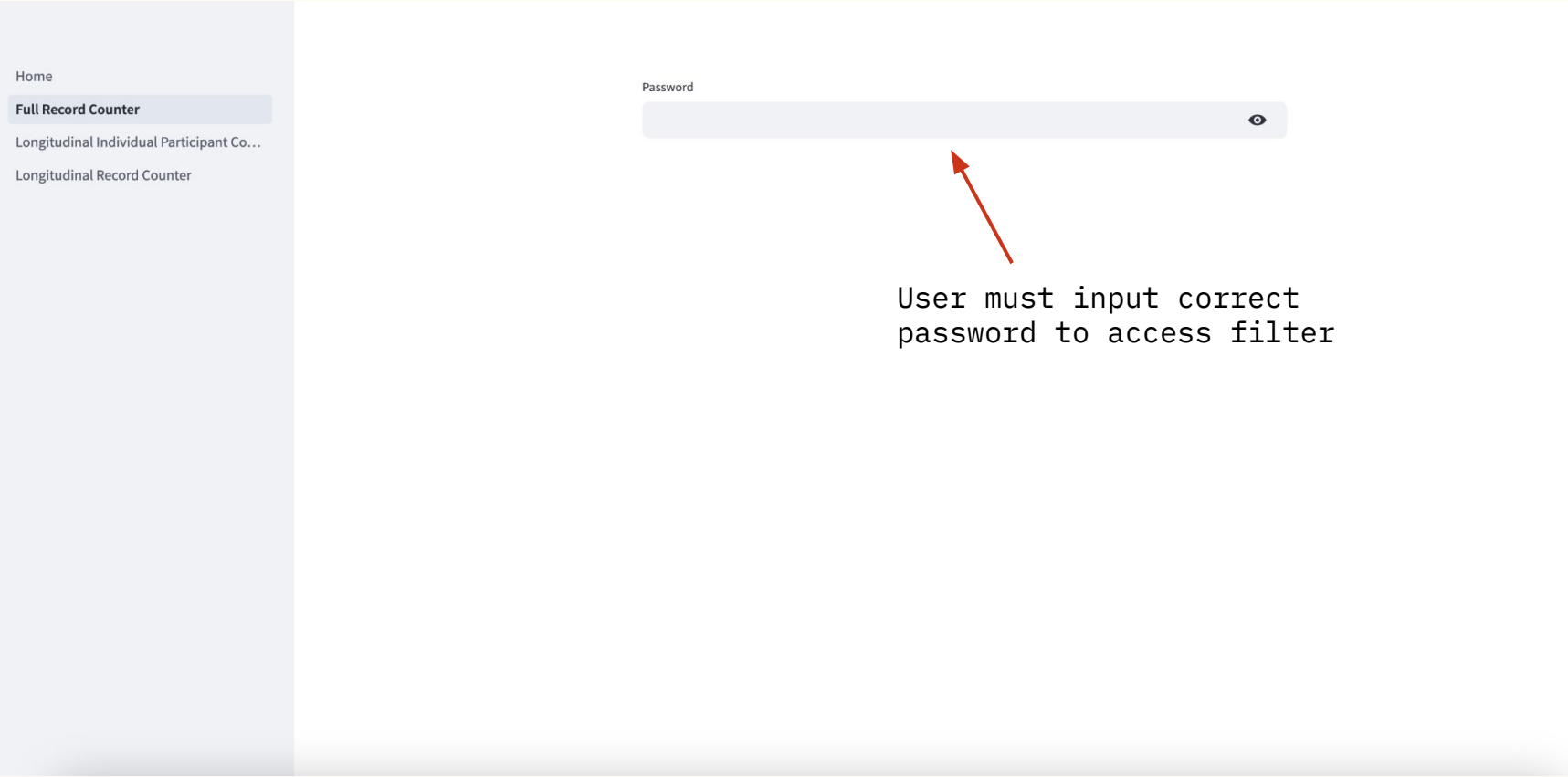
Instead, I have created a presentation to highlight the features of the app without distributing the link and displaying patient data.

This app is used by researchers to filter through the ACL reconstruction dataset.

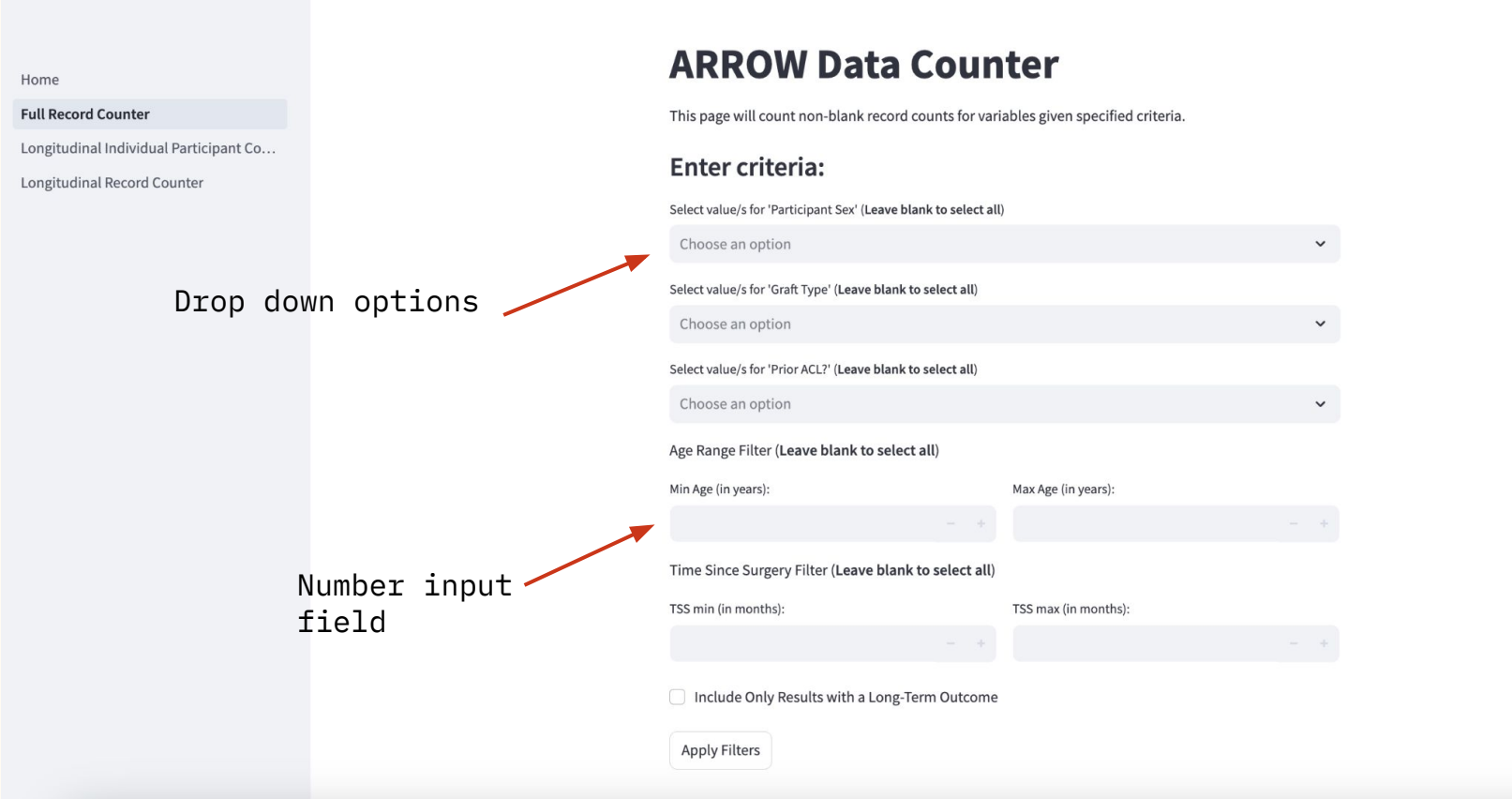
Home Page


Options to navigate to a specific page
Home
Full Record Counter
Longitudinal Individual Participant Co…
Longitudinal Record Counter
Select a page above.
Welcome to the ARROW Data Counter
Use the menu on the left to select a page.

Login


Home
Full Record Counter
Longitudinal Individual Participant Co…
Longitudinal Record Counter
Password
User must input correct password to access filter

Record Counter (all three are similarly formatted)



Sample Filter Output

Returns count for each variable based on filters applied

Currently in the process of adding a dictionary to explain each variable

Counts of Non-Blank Records for Variables:

	Count
insurance_dashboard_use	45
ikdc	72
pedi_ikdc	4
marx	26
pedi_fabs	1
koos_pain	66
koos_sx	66
koos_adl	66
koos_sport	66
koos_qol	66
acl_rsi	67
tsk	5
rsi_score	31
rsi_emo	31
rsi_con	31

Conclusion

This app enables researchers to effectively filter data with the following features:

- **Customized Filtering**: Researchers can apply filters tailored to variables relevant to their specific research
- **User-Friendly Navigation**: The intuitive interface ensures ease of use and seamless navigation
- **Security**: A password requirement ensures data confidentiality
- **Non-Blank Count Outputs**: The app returns non-blank counts for given filters, streamlining preprocessing, enhancing quality assessment, and promoting transparency for researchers