

Angel HARP

(Highly Accurate Reporting Program)

Angel Foundation

2-27-2017 | Version 1

Document Objectives

The purpose of this document is to provide detailed documentation to Angel Foundation ("The Client") that clearly defines the work that Prime Students--Bill Kremer, Bob Hinkley, Jake Jacobs-Smith, Erik Nelson--("The Company") will perform and the deliverables the client will receive within the scope of this project. By accepting this document the client acknowledges their understanding and agreement to this scope of work. Any requirement which falls outside the specifications in this document will be considered "Out of Scope" and may require reprioritization or removal of other features to implement.

This document takes precedence over any other documentation provided regarding scope of work.

Scope of Work Feature Details

This Application - the Highly Accurate Reporting Program (HARP) - brings the user to reporting data quickly to help reduce processing time and having to wait to get data from other persons.

HARP will allow the Client staff to generate standard reports as needed. This will save waiting time, particularly when the EFA Director or EFA Coordinator are not available. It will also reduce the workload for the EFA Director or EFA Coordinator, because the staff can create or access the specific information they are looking for on their own.

HARP will have a custom report view that will allow the staff to extract any specific information for their current needs.

Much of the data handled by the staff comes in forms that may not be easy to interpret. In order to further reduce time needed during the reporting process, HARP will allow the users to create custom data visualizations based on the data that they select.

The EFA Director or EFA Coordinator will need to upload the information regularly to HARP to keep it updated. This will be kept simple by using a standard MS Access report that will be capable of being uploaded easily on an Upload page.

Features

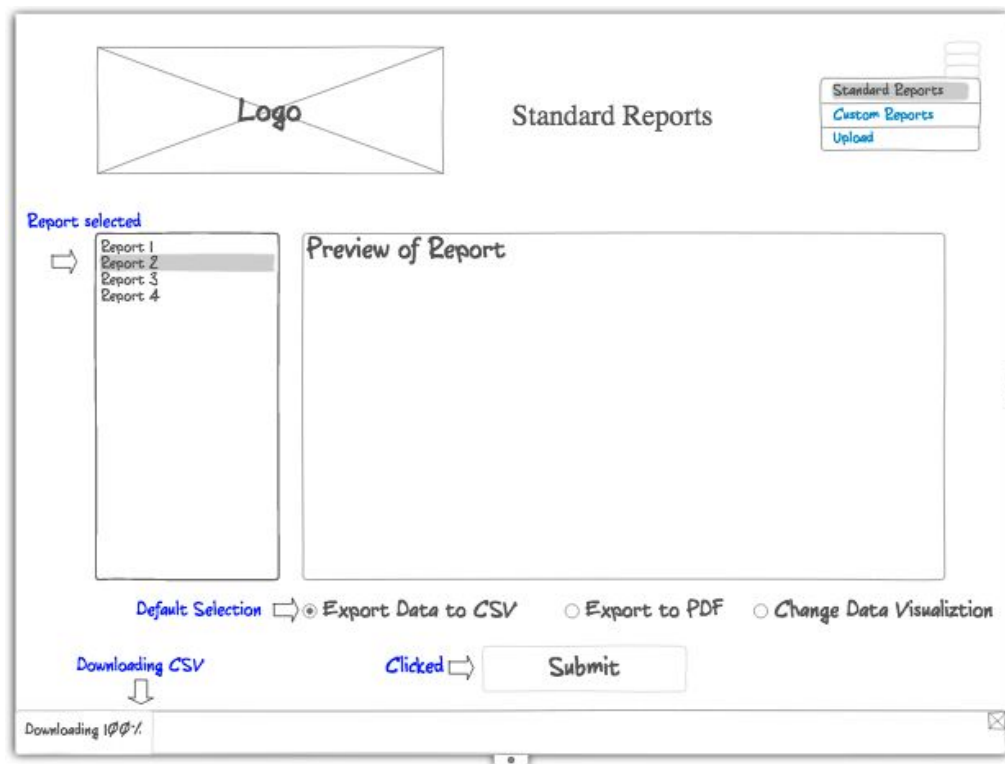
HARP will be able to consume CSVs from the Angel Foundation MS Access database manager / primary user's Access Database.

HARP will show a list of standard reports that user's can use. The standard reports can be previewed and downloaded as a pdf or csv.

HARP will also allow users to create customized reports. The user can select specific information about the data they are interested in for their reports. These customized reports can be saved as a standard report. These reports can also be previewed and downloaded as a pdf or csv.

Reports will have data visualization that can help the users and their customers understand the data more clearly.

Wireframe Samples



The Client staff often runs the same “**Standard Reports**” while performing their typical work. These Standard Reports will be created from the standard reports that the Client staff is currently creating. These reports will be built into HARP so that the Client staff does not need to re-run a new customized report each time. This helps both with speed of obtaining reports and consistency, by ensuring the reports always have the same information.

The Client MS Access database manager will have already uploaded the latest data to HARP so that the other Client staff will have current information when they use HARP.

Because most of the Client staff will be running “Standard Reports, this page will be the ‘landing page’ when you first come to our web app. The user will select a report on the left hand side. A preview of the report will be generated in the center, depending on which radio button is selected below it.

Export to CSV is selected by default. Clicking on the submit button, will begin the download of the CSV spreadsheet in this case. If Export to PDF is selected, clicking the submit button will then begin the download of the report as a PDF.

Logo

Standard Reports

- Standard Reports
- Custom Reports
- Upload

- Report 1
- Report 2
- Report 3
- Report 4

Preview of Report

☐ Export Data to CSV ☐ Export to PDF ☒ Change Data Visualization
Selected

Submit

Reports will have data visualization that can help the users and their customers understand the data more clearly.

If the user would like to change any graphs or charts, they can select the Data Visualization radio button and click on submit. This will bring them to another page where they can customize that graphical information.

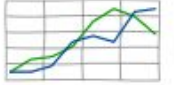
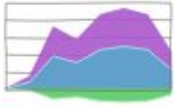

Logo

Standard Report Name

Standard Reports

Custom Reports

Upload



Preview of Report

Export to PDF

After the user clicks on the 'Data Visualization' radio button and click submit, they will be brought to this page. Here they will be able to change various charts and graphs representing their data.

Logo

Custom Reports

Standard Reports
Custom Reports
Upload

Beginning Date
28 Feb 2016
28 Feb 2017
28 Feb 2018
28 Feb 2019
28 Feb 2020
28 Feb 2021
28 Feb 2022
28 Feb 2023
28 Feb 2024
28 Feb 2025
28 Feb 2026
28 Feb 2027
28 Feb 2028
28 Feb 2029
28 Feb 2030
28 Feb 2031
28 Feb 2032
28 Feb 2033
28 Feb 2034
28 Feb 2035
28 Feb 2036
28 Feb 2037
28 Feb 2038
28 Feb 2039
28 Feb 2040
28 Feb 2041
28 Feb 2042
28 Feb 2043
28 Feb 2044
28 Feb 2045
28 Feb 2046
28 Feb 2047
28 Feb 2048
28 Feb 2049
28 Feb 2050
28 Feb 2051
28 Feb 2052
28 Feb 2053
28 Feb 2054
28 Feb 2055
28 Feb 2056
28 Feb 2057
28 Feb 2058
28 Feb 2059
28 Feb 2060
28 Feb 2061
28 Feb 2062
28 Feb 2063
28 Feb 2064
28 Feb 2065
28 Feb 2066
28 Feb 2067
28 Feb 2068
28 Feb 2069
28 Feb 2070
28 Feb 2071
28 Feb 2072
28 Feb 2073
28 Feb 2074
28 Feb 2075
28 Feb 2076
28 Feb 2077
28 Feb 2078
28 Feb 2079
28 Feb 2080
28 Feb 2081
28 Feb 2082
28 Feb 2083
28 Feb 2084
28 Feb 2085
28 Feb 2086
28 Feb 2087
28 Feb 2088
28 Feb 2089
28 Feb 2090
28 Feb 2091
28 Feb 2092
28 Feb 2093
28 Feb 2094
28 Feb 2095
28 Feb 2096
28 Feb 2097
28 Feb 2098
28 Feb 2099
28 Feb 2100

Ending Date
28 Feb 2016
28 Feb 2017
28 Feb 2018
28 Feb 2019
28 Feb 2020
28 Feb 2021
28 Feb 2022
28 Feb 2023
28 Feb 2024
28 Feb 2025
28 Feb 2026
28 Feb 2027
28 Feb 2028
28 Feb 2029
28 Feb 2030
28 Feb 2031
28 Feb 2032
28 Feb 2033
28 Feb 2034
28 Feb 2035
28 Feb 2036
28 Feb 2037
28 Feb 2038
28 Feb 2039
28 Feb 2040
28 Feb 2041
28 Feb 2042
28 Feb 2043
28 Feb 2044
28 Feb 2045
28 Feb 2046
28 Feb 2047
28 Feb 2048
28 Feb 2049
28 Feb 2050
28 Feb 2051
28 Feb 2052
28 Feb 2053
28 Feb 2054
28 Feb 2055
28 Feb 2056
28 Feb 2057
28 Feb 2058
28 Feb 2059
28 Feb 2060
28 Feb 2061
28 Feb 2062
28 Feb 2063
28 Feb 2064
28 Feb 2065
28 Feb 2066
28 Feb 2067
28 Feb 2068
28 Feb 2069
28 Feb 2070
28 Feb 2071
28 Feb 2072
28 Feb 2073
28 Feb 2074
28 Feb 2075
28 Feb 2076
28 Feb 2077
28 Feb 2078
28 Feb 2079
28 Feb 2080
28 Feb 2081
28 Feb 2082
28 Feb 2083
28 Feb 2084
28 Feb 2085
28 Feb 2086
28 Feb 2087
28 Feb 2088
28 Feb 2089
28 Feb 2090
28 Feb 2091
28 Feb 2092
28 Feb 2093
28 Feb 2094
28 Feb 2095
28 Feb 2096
28 Feb 2097
28 Feb 2098
28 Feb 2099
28 Feb 2100

Clicked
Selected

Data for report

Clinics
Grants
Countries
Applications
Ages
Diagnoses

18+
20+
30+

List of selected data to be shown in report

Clinics(all)
Grants(all)
Applications(all)
Ages(18+)
Diagnoses(all)

Export Data to CSV
Export to PDF
Change Data Graph

Submit

The **Custom Report** page is where users can go to create reports that may have different data or data displayed in a different way than the standard reports provide. The data that resides in the HARP database is able to be sorted and organized in a multitude of ways. Users are able to select which data they need for their reports and either export the report or save the report to be seen in the standard report view persistently.

Logo

Custom Reports

Standard Reports
Custom Reports
Upload

Beginning Date
28 Feb 2016
28 Feb 2017
28 Feb 2018
28 Feb 2019
28 Feb 2020
28 Feb 2021
28 Feb 2022
28 Feb 2023
28 Feb 2024
28 Feb 2025
28 Feb 2026
28 Feb 2027
28 Feb 2028
28 Feb 2029
28 Feb 2030
28 Feb 2031
28 Feb 2032
28 Feb 2033
28 Feb 2034
28 Feb 2035
28 Feb 2036
28 Feb 2037
28 Feb 2038
28 Feb 2039
28 Feb 2040
28 Feb 2041
28 Feb 2042
28 Feb 2043
28 Feb 2044
28 Feb 2045
28 Feb 2046
28 Feb 2047
28 Feb 2048
28 Feb 2049
28 Feb 2050
28 Feb 2051
28 Feb 2052
28 Feb 2053
28 Feb 2054
28 Feb 2055
28 Feb 2056
28 Feb 2057
28 Feb 2058
28 Feb 2059
28 Feb 2060
28 Feb 2061
28 Feb 2062
28 Feb 2063
28 Feb 2064
28 Feb 2065
28 Feb 2066
28 Feb 2067
28 Feb 2068
28 Feb 2069
28 Feb 2070
28 Feb 2071
28 Feb 2072
28 Feb 2073
28 Feb 2074
28 Feb 2075
28 Feb 2076
28 Feb 2077
28 Feb 2078
28 Feb 2079
28 Feb 2080
28 Feb 2081
28 Feb 2082
28 Feb 2083
28 Feb 2084
28 Feb 2085
28 Feb 2086
28 Feb 2087
28 Feb 2088
28 Feb 2089
28 Feb 2090
28 Feb 2091
28 Feb 2092
28 Feb 2093
28 Feb 2094
28 Feb 2095
28 Feb 2096
28 Feb 2097
28 Feb 2098
28 Feb 2099
28 Feb 2100

Ending Date
28 Feb 2016
28 Feb 2017
28 Feb 2018
28 Feb 2019
28 Feb 2020
28 Feb 2021
28 Feb 2022
28 Feb 2023
28 Feb 2024
28 Feb 2025
28 Feb 2026
28 Feb 2027
28 Feb 2028
28 Feb 2029
28 Feb 2030
28 Feb 2031
28 Feb 2032
28 Feb 2033
28 Feb 2034
28 Feb 2035
28 Feb 2036
28 Feb 2037
28 Feb 2038
28 Feb 2039
28 Feb 2040
28 Feb 2041
28 Feb 2042
28 Feb 2043
28 Feb 2044
28 Feb 2045
28 Feb 2046
28 Feb 2047
28 Feb 2048
28 Feb 2049
28 Feb 2050
28 Feb 2051
28 Feb 2052
28 Feb 2053
28 Feb 2054
28 Feb 2055
28 Feb 2056
28 Feb 2057
28 Feb 2058
28 Feb 2059
28 Feb 2060
28 Feb 2061
28 Feb 2062
28 Feb 2063
28 Feb 2064
28 Feb 2065
28 Feb 2066
28 Feb 2067
28 Feb 2068
28 Feb 2069
28 Feb 2070
28 Feb 2071
28 Feb 2072
28 Feb 2073
28 Feb 2074
28 Feb 2075
28 Feb 2076
28 Feb 2077
28 Feb 2078
28 Feb 2079
28 Feb 2080
28 Feb 2081
28 Feb 2082
28 Feb 2083
28 Feb 2084
28 Feb 2085
28 Feb 2086
28 Feb 2087
28 Feb 2088
28 Feb 2089
28 Feb 2090
28 Feb 2091
28 Feb 2092
28 Feb 2093
28 Feb 2094
28 Feb 2095
28 Feb 2096
28 Feb 2097
28 Feb 2098
28 Feb 2099
28 Feb 2100

Clicked
Selected

Data for report

Clinics
Grants
Countries
Applications
Ages
Diagnoses

18+
20+
30+

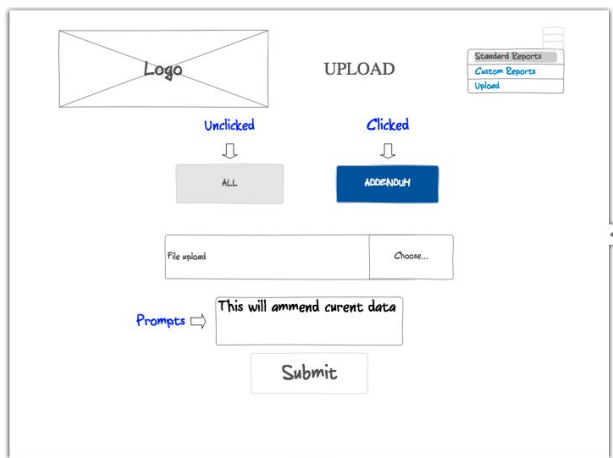
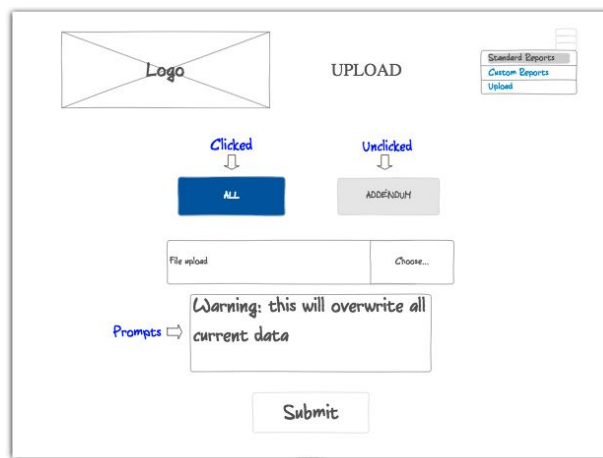
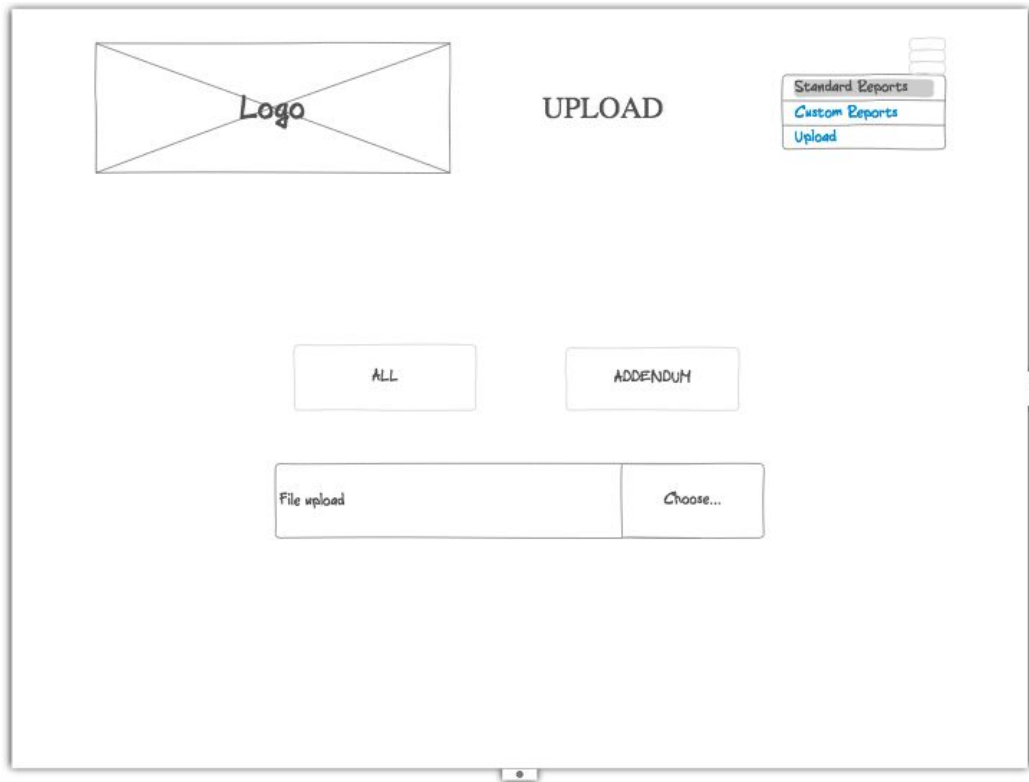
List of selected data to be shown in report

Clinics(all)
Grants(all)
Applications(all)
Ages(18+, 20+, 30+)
Diagnoses(all)

20's added to Field

Export Data to CSV
Export to PDF
Change Data Graph

Submit



The user will visit the upload page in order to add data to the reporting system. Data will be output in CSV form from the Angel Foundation access database and uploaded directly to the application. The data upload can be done in two ways: all or addendum. If an 'all' upload is selected the user will be expected to upload the entirety of the access database into the application in order to fully populate the application's database. If an 'addendum' upload is selected the user is expected to upload only the data that has been accumulated since the last upload.

In order to help maintain the integrity of the data, the upload page will be behind a simple login page.

Logo

Login

Login

Email

Password

Project Milestones

If approval of this Scope of Work is received by The Company no later than March 2nd, 2017 by the end of the workday (5:00 PM), development shall become effective on March 3rd, 2017, and the following deadlines will become effective. Changes, if necessary, will be reported by Jennifer Kielas of the Client to all four employees of the Company via email. The Client acknowledges and agrees that The Client's failure to adhere to deadlines will impact The Company's deadlines and estimated cost and, in such instances, The Company will not be responsible for missed deadlines, including final delivery/deployment, and increased costs and expenses.

Milestone	Responsibility	Date
Web app foundational components created	The Company	3/1
HTML structures and folders	The Company	3/1
Upload a CSV into the Application	The Company	3/2
Initial standard style / look developed	The Company	3/4
Standard Reports visible within Application	The Company	3/4
Standard Reports available via CSV or PDF	The Company	3/6
Custom Reports user interface mocked up	The Company	3/7
Review current state with Client	The Company	3/7
Custom Reports can be generated	The Company	3/9
Application deployment determined	The Company	3/10
Custom Reports can be saved to standard reports	The Company	3/11
Data Visualization user interface mocked up	The Company	3/12
Review current state with Client	The Company	3/14
Data visualization working	The Company	3/15
Fine tuning and presentation build	The Company	3/17

Browsers

Application will fully support only the below listed browsers and QA will test only in the following browsers and versions. All browsers or versions not listed below are considered out of scope.

Browser Name	Version
Google Chrome	56.0.2924.87 (current March 1, 2017)
Microsoft Edge	38.14393 (current March 1, 2017)

Schedule/Meetings

Event	Date	Time
Demonstration/discussion of project progress	3/8/2017	TBD
Demonstration/discussion of project progress	3/15/2017	TBD
Demonstration/discussion of project progress	3/15/2017	TBD
Public Presentation	3/21/2017	noon-1PM
Delivery of code via Github repo	3/27/2017	TBD

Assumptions

While completing this estimate the following assumptions were made.

- The Client will be able to create CSV files from the EFA MS Access database.
- We will be able to host this application on their site
- The free third party database the application will use will be large and secure enough
- The application will not be receiving HIPAA information

Source Code

All source code produced by The Company for this project will be provided to The Client via Github repository (subject to change). The Client is free to work with other service providers on future modifications to the project utilizing the provided source code unless otherwise stipulated.

Approvals

Client Signature _____

Client Name (printed) _____

If approval of this Scope of Work is received by The Company no later than March 2nd, 2017 at end of business hours (5:00 PM), development shall begin by March 3th, 2017.