

Background Info

A clickable wireframe for the onboarding process of the personal pension is available here:

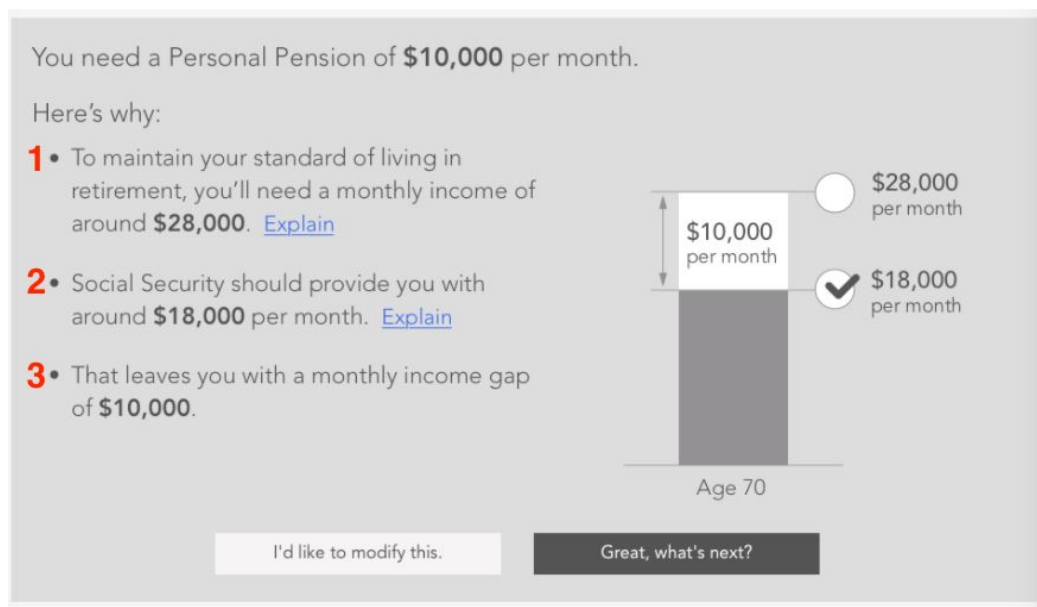
<https://projects.invisionapp.com/share/BTBOJW1CE#/screens/234549145>

Inputs

The user is starting the process of creating their own personal pension. In this process the user gives us some basic personal information:

1. Whether the pension is just for them or if they are including their spouse
2. Whether they have saved for retirement and if so, how much
3. Gender
4. Birthdate
5. Annual Income
6. Zipcode

Display Page



After we get this info, we estimate a couple things and show them to the user on the “Display” page:

1. The total amount of income per month they will need in retirement. This is based off their annual income and current age.
2. The social security benefit they will receive when they retire. Calculating this accurately requires more information than we have asked (we need their full salary history) so this is an estimate as well.

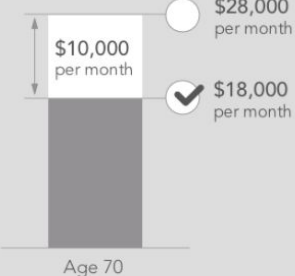
3. The amount of money they should put into a personal pension which is #1 - #2
(<https://projects.invisionapp.com/share/BTBOJW1CE#/screens/234849932>)

Editing

You need a Personal Pension of **\$10,000** per month.

Here's why:

- 1 • To maintain your standard of living in retirement, you'll need a monthly income of around **\$28,000**. [Explain](#)
- 2 • Social Security should provide you with around **\$18,000** per month. [Explain](#)
- 3 • That leaves you with a monthly income gap of **\$10,000**.



Edit I'd like to modify this. Great, what's next?

From the “Display” page, a user can edit their inputs by clicking “I’d like to modify this”. They will then be taken to the “Edit” page.

“Edit” Page

Your Retirement Age:

Your Spouse's Retirement Age:

Retirement Income Goal:

EXISTING INCOME SOURCES

Your Social Security:

Your Spouse's Social Security:

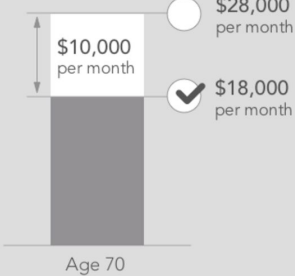
Other Income Source(s):

Total Existing Income: **\$18,000**

Retirement Income Gap: **\$10,000**

* Portion To Fill:

Personal Pension Target: **\$10,000**



Nevermind, take me back. All set to continue!

Project

The project is to implement the “Edit” page in isolation. The functionality of this page including what is in scope and what is out of scope for this project is described below.

Text Items

The left side of the “Edit” page has several text items, some are editable text fields, some are just displayed text. The fields are related by the logic described below:

1. Retirement Age: The age the user is going to retire at
2. Spouse Retirement Age: The age the user’s spouse will be when the primary user retires
3. Retirement Income Goal: The user’s goal for total monthly income in retirement
4. Social Security: The amount that the user plans to collect from social security per month
5. Spouse’s Social Security (Assume for now that the user told us they have a spouse) - The amount that the user expects his/her spouse to collect from social security per month
6. Other Income Source: The amount of ‘other’ income that the user expects to collect per month
7. Total Existing Income: $\#4 + \#5 + \#6$
8. Retirement Income Gap: $\text{MAX}(\#3 - \#7, 0)$
9. Portion to fill: The % of the ‘Retirement Income Gap’ to fill
10. Personal Pension Target: $\#8 * (\#9 / 100)$

Bar Chart

1. The bar has a fixed height
2. The bar has up to 3 sections, that each have height proportional to the income sources that they represent. The sections are:
 - a. Total Existing Income (#7)
 - b. Personal Pension Target (#8)
 - c. Gap
 - i. If Portion to Fill (#9) is less than 100%, then there will be some Retirement Income Gap (#8) that is not accounted for. This is a ‘Gap’ and should have its own section in the bar chart. If there is no Gap then this section isn’t shown
3. The bar shows Retirement Age (#1) at the bottom
4. The bar should label the different sections. These labels don’t necessarily need to look like they do in the wireframes (In particular, putting labels in the bar itself is known to be potentially problematic and can be replaced by something that works better).

Required Functionality

User's can edit any of the income amount (#3, #4, #5, #6) or portion to fill (#9) fields

1. Any linked text items should update by following the calculations detailed in [Text Fields](#)
2. Bar chart should update according to the new values

Adjust the calculations to reflect your situation.

Retirement Age:	<input type="text" value="65"/>
Retirement Income Goal:	<input type="text" value="\$12,000"/>
EXISTING INCOME SOURCES	
Social Security:	<input type="text" value="\$6,000"/>
Other Income Source(s):	<input type="text" value="\$0"/>
Total Existing Income:	\$6,000
Retirement Income Gap:	\$6,000
* Portion To Fill:	<input type="text" value="100%"/>
Personal Pension Target:	\$6,000

Nevermind, take me back. All set to continue!

User can edit Retirement Age (#1)

1. When a user updates his/her Retirement Age (#1) it makes our estimated values for Retirement Income Goal (#3), Social Security (#4) and Spouse Social Security (#5) outdated. After the user updates his/her retirement age, we should show refresh indicators next to the outdated fields (#3, #4, #5). The user can click on these refresh buttons to get an updated estimate for what his/her retirement income goal should be as

well as what Abaris estimates his/her social security payments will be.'

No problem!
Adjust the calculations to reflect your situation.

Retirement Age:	<input type="text" value="70"/>
Retirement Income Goal:	<input type="text" value="\$14,000"/>
EXISTING INCOME SOURCES	
Social Security:	<input type="text" value="\$9,000"/>
Other Income Source(s):	<input type="text" value="\$0"/>
Total Existing Income:	\$9,000
Retirement Income Gap:	\$5,000
* Portion To Fill:	<input type="text" value="100%"/>
Personal Pension Target:	\$5,000

Nevermind, take me back. All set to continue!

Currency fields format currency correctly

1. All dollar formatted fields should display currency values correctly. They should not allow the user to enter cents

Out of Scope

1. "Nevermind, take me back." and "All set to continue!" buttons. These go to other pages and **don't need to be included**.
2. Calculations for updating Retirement Income Goal and Social Security fields referenced in [User can edit Retirement Age \(#1\)](#). Please return static or random data.

3. Anything outside of the red box shown below. You don't need to make any containing page, it can just be a component on a white page.

Your Retirement Age: 70

Your Spouse's Retirement Age: 71

Retirement Income Goal: \$28,000

EXISTING INCOME SOURCES

Your Social Security: \$9,000

Your Spouse's Social Security: \$9,000

Other Income Source(s): \$0

Total Existing Income: \$18,000

Retirement Income Gap: \$10,000

* Portion To Fill: 100%

Personal Pension Target: \$10,000

\$10,000 per month

\$28,000 per month

\$18,000 per month

Age 70

Nevermind, take me back.

All set to continue!