**Extension 1**

We use the flex layout as shown in the multi-column layout portion of the report seen below.

**Extension 2**

We also have a responsive design that works on mobile in both portrait and landscape mode. We opted to keep the site as a single-column design on mobile even when in landscape mode since the navigation bar has too little content to justify taking up some quarter of the left side of the screen the whole way down the page. We used the Chrome inspect element tool to emulate a common smartphone.

A screenshot of a computer

Description automatically generated with medium confidenceGraphical user interface, application

Description automatically generated

**Multi-column layout**

The following CSS is responsible for handling the multi-column layout, in combination with some of media rule, which we also use to accomplish Extension 2.

Text

Description automatically generatedText

Description automatically generated

And here is the result:

Graphical user interface, text

Description automatically generated

**Thumbnail pop-up**

The following css code creates a custom image class for the popup thumbnail. The figure encapsulates the popup and the caption. The custom scaled image is displayed with the “Employee of the Month” caption below it.

**Text

Description automatically generated**

The following html code is where the popup is implemented in the LoanShark.html page.

Text

Description automatically generated

A picture containing text, indoor, screen

Description automatically generated

When the above image is hovered over, the following image is displayed with the “Employee of the Month” caption beneath it:

A picture containing text, picture frame

Description automatically generated

**Transition**

The following css code allows a background image and statement to appear when hovering over the left column. The opacity scales up from 25% to 100% as well.

Text

Description automatically generated

The following html code from Account.html is where the column appears.

A screenshot of a computer

Description automatically generated with medium confidence

The following image is the column that has the opacity transitioned as well as the message displayed.

Graphical user interface, text

Description automatically generated