The MVP for my portfolio management app will include the basic features needed to generate some value for my target audience. Features like, save the portfolio on the user's phone (so every time the user opens the app, his/her portfolio is still there) and automatically calculate stock price once the user enters the stock name won't be available at first on my app. Instead, I will focus on features such as, add multiple stocks and other investments type, add a custom category to investments, delete an investment, and a pie chart that summarizes the user's investments.

These MVP features will allow me to learn new coding skills (such as dealing with graphs on IOS and using table views) while maintaining a level of certainty that I will be able to deliver the final project when it's due.

So far, I haven't encountered any blockers on my project. All needed calculations seem to be fairly easy for me, and I'm dedicating enough time to learn how to generate graphs on IOS.

Here is my app first pseudocode:

create and connect all outlets and actions from the app's buttons, table views, and labels.

func addInvestment(){

//this function will be called when the user clicks on the "add" button to add an investment

//if one of the required fields is empty, throw an alert error

}

func deleteInvestemt(){

//this function will make sure to delete an investemt upon user's request.

//after delition, recalculate all needed values

}

func getData(){

//this function will get data from the user's input and create and object with the given data

return investmentObject

}

func doCalculos(){

//this function will be responsible to loop trhough all investmentObjects and calculate the weight percentage that each of them has in the total portfolio

return a value

}

func displayInvestmentOnTableView(){

//this function will add and display the objects on the table view

}

func displayGraph(){

//this function will display the pie chart graph once all the calculos are done

}

Below you can see my app's initial prototype: