**StudentSaver**

1. **Participants:** The participants in this project include: Mike Sereiko, Hiba Mansoor and Resham Elahi.
2. **Audience:** Our target audience is millennials, in particular recent graduates and young professionals who are looking for a way to augment their paltry savings accounts in order to better prepare for their futures. Between rising student loan debt to our retirement savings prospects, it’s obvious that our generation faces one of the greatest financial burdens of all time. Newly graduated students are often faced with tens of thousands of dollars worth of student debt and low wages in comparison to those of their predecessors. When you’re living from paycheck to paycheck, it’s hard to find ways to save and even harder to muster up the courage to invest what you can manage to save. However, if you look at the numbers, it’s clear that the benefits of investing and saving as much as you can as soon as you can are enormous. StudentSaver is trying to make those benefits as evident and as attractive to our generation as possible.
3. **Brief User Manual:** We’ve implemented a program that helps users track their spending and saving. users can manually enter income and expenses and track their monthly spending, allowing them to gain a better understanding of how to fit investing into their financial lives. users can also login to their bank accounts and have their bank data auto-populate the income and expense fields of the app. Portfolios are stored in an array that is initially empty, and users can enter a name for their portfolio to create a new one. They can look at a summary of the portfolio showing its performance, and a list of the underlying companies. Selecting underlying companies shows a company detail view that outlines the company's stock information.  The information will be pulled form a server running on a local host that uses yahoo finance's python API and apple's NSURL library to populate the appropriate fields.
4. **Code Description:** The app uses a variety of UIViewControllers and UITableViewControllers to present the app to its users. Users can connect to their bank accounts with the help of the Plaid and the networking APIs. They can also access a side menu to help them navigate the app through a GitHub project called “side menu”, which is included as a dependency in the cart file of the app. Cocoa pods and cartage helped build the app’s dependencies.
5. **Responsibilities**
   1. Mike was in charge of structuring and implementing the side of our app where users can view simulations of both example and original stock portfolios. He will also be working on implementing the Yahoo Finance API into our app, which will allow us to integrate stock market data into our program.
   2. Hiba was in charge of structuring and implementing the side of our app focused on budgeting and finding ways to create enough savings to invest. She also worked on implementing the Plaid API into our app, which allowed us to integrate users’ bank account data into our program.
   3. Resham was in charge of configuring the settings and login features of our app. She was also responsible for the design and graphics of the app.
6. **Future Intentions:** We plan on implementing FaceBook login and a simulation where users can invest with what they currently have in companies based on past stocks to show how they would have done during that specific time period (1980s, 1950s, etc).