#1 The customer is someone who is looking to stay on budget. Someone who wants to remember what they bought, when they bought the item, and what the type of item was purchased. Someone looking for a desktop application to do these things. And finally, someone looking for an easier way to balance their budget. Simplicity is one of the main goals.

#2 This product is being created to make an easy to use budget application. Many budget applications are complex and confusing. This budget application aims to be simple and easy to use. It addresses customers with a variety of budgeting needs. It can keep a list of purchases, so they don’t have to. It allows monthly yearly and weekly budgets for separation. It allows the customer to search items by category. And it sets a remind to not go over budget. This is done to ensure that when someone is keeping track of their budget. The paper isn’t lost or damaged. It solves the problem of keeping a budgeting notebook. Notebooks like this are unorganized and hard to use. It will also make the budgeting process easy to understand visually.

#3 The features required for the product aren’t too complex. It requires a way to store the budget value. A way to store the price, date, and name of each item bought. A way to set up the budget value for each month, year, or week. A way to display a graph for current amount spent that week versus the monthly budget. And another graph to display yearly budget versus the total of monthly budgets. A way to set up budget reminders is also required. It also needs a user interface to interact with the database. And lastly it needs a desktop application to tie everything together.

#4 The manual process of balancing a budget can be difficult. The item used to record the purchases can be lost. This leads to frustration and panic. Storing the budget digitally is a safer option. Organization becomes a simple task. Entering new items is easy and efficient. You can even see a graph of the budget. With this method your budget data can be backed up. If you lose a budget notebook it’s the end. Instead of doing budget calculations by hand. You can use the computer to do them for you. This leads to less errors. It also leads to a less stressful experience. When facing existing products. This budget software aims to focus on simplicity. It should be so easy a child could use it. The bells and whistles on other products can confuse people. By focusing on only key features. The product is easier to use.

#5 Being a 12-week course. I think this product will take around 150 hours to develop. Using dice to calculate cost. With an entry of job title junior software developer. Location being Winter Springs. Years of experience one. It displays 45,000$ – 57,000$ yearly salary. 45,000$/(2,080 average hours yearly worked) = 21$ per hour. After multiplying 150 hours to develop the project\* by 21$ per hour = 3150$ total.

#6 The project will be a desktop application. The main programming language will be Java. SQL will be used to manage the database. The project will be developed solely for windows. It will store the budget values in an oracle database. This database will be created with SQL developer. Java will be used to create the user interface and interact with the database. Java will also be used display the budget graphs.