

## *CMPE 285 Final Project Test Cases*

### **Team Members :**

1. **Sahib Singh Bhatia - 016042650**
2. **Subhash Reddy - 016003403**
3. **Santhosh Bodla - 016002454**
4. **Sai Sree Harsha – 015428179**

### Test Cases :

**Test Case 1 :** Enter invalid amount like 0 or a negative number in the amount field

1. Enter an invalid amount like 0 USD in the amount field.

Expected Output :

1. Error message saying 'Investment amount should be greater than \$5000' should be displayed.
2. Submit button will be disabled

**Test Case 2 :** Entering a string or special characters in the amount field

Expected Output :

1. It wont allow to type any string or special characters into the amount field. (Works on google chrome)

**Test Case 3 :** Selecting all the investment strategies (>2)

1. After entering a particular amount in the amount textbox
2. Choose investment strategy you want to use.

Expected Output :

1. After choosing two investment strategies , selection of more investment strategies will be disabled.

**Test Case 4 :** No investment strategy selected.

1. After entering a particular amount in the amount field and not choosing any investment strategy.

Expected Output :

1. Submit button will be disabled if any investment strategy is not Selected.

**Test Case 5 :** Giving 6000 USD in amount field and choosing Ethical Investing

Expected Output :

1. User will be redirected to the Suggestions page
2. A List of stocks AAPL, NSRGY, ADBE will be displayed in tabular form along with the last 5 days trend of stocks, stock symbol, P/E ratio, amount to invest.

**Test Case 6 :** Giving 10000 USD to invest and choosing Ethical and Growth Investing.

Expected Output :

1. User will be redirected to the Suggestions page
2. A List of stocks AAPL, NSRGY, ADBE, MSFT, NFLX, GOOG will be displayed in tabular form along with the last 5 days trend of stocks, stock symbol, P/E ratio, amount to invest

**Test Case 7 :** Giving 7000 USD to invest and choosing Ethical, Growth and Index investing

Expected Output :

1. User wont be allowed to select to 3 strategies as after selecting two strategies the selection will be disabled

**Test Case 8 :** Giving 8000 USD to invest and choosing Value and Quality investing

Expected Output :

1. User will be redirected to the Suggestions page
2. A List of stocks MDLZ, CVS, ED, BAC, KHC, VZ will be displayed in tabular form along with the last 5 days trend of stocks, stock symbol, P/E ratio, amount to invest

**Test Case 9 :** Show portfolio only when amount is entered.

Expected Output : The submit button is disabled till the time user gives an amount to invest and select a particular investment strategy.

**Test Case 10** : Money to be divided optimally among all stocks in the investment strategy.

Expected Output : The money is divided appropriately among the companies mentioned according to the investment logic implemented.

Note : Since we were facing some Cross-Origin Resource Sharing (CORS) errors, we have found a work around to solve it. However it is working in Google Chrome. If the problem still persists please download Moesif CORS extension. Enable the extension, ensure that extension is active when the application is running.