Compare the Control and Treatment groups using two sample t-test

Compare the Control and Treament group for (General):

```
        Two Sample t-test

data:  Control and Treat
t = 0.1888, df = 4, p-value = 0.5703
alternative hypothesis: true difference in means is less than 0
95 percent confidence interval:
    -Inf 1253.62
sample estimates:
mean of x mean of y
    1768      1666
```

Comments: So, according to the p-value (0.5703) it can be said that the Control and Treatment group have no significant difference.

Compare the Control and Treament group for (Mob):

```
        Two Sample t-test

data:  Control and Treat
t = -0.0569, df = 4, p-value = 0.4787
alternative hypothesis: true difference in means is less than 0
95 percent confidence interval:
     -Inf 60.79479
sample estimates:
mean of x mean of y
 66.00000  67.66667
```

Comments: So, according to the p-value (0.4787) it can be said that the Control and Treatment group have no significant difference.

Compare the Control and Treament group for (WDes):

```
        Two Sample t-test

data:  Control and Treat
t = -0.1447, df = 4, p-value = 0.446
alternative hypothesis: true difference in means is less than 0
95 percent confidence interval:
     -Inf 100.7293
```

```
sample estimates:
mean of x mean of y
 113.6667   121.0000
```

Comments: So, according to the p-value (0.446) it can be said that the Control and Treatment group have no significant difference.

Compare the Control and Treament group for (DE):

```
        Two Sample t-test

data:  Control and Treat
t = 0.2239, df = 4, p-value = 0.5831
alternative hypothesis: true difference in means is less than 0
95 percent confidence interval:
     -Inf 547.1329
sample estimates:
mean of x mean of y
 254.3333   202.3333
```

Comments: So, according to the p-value (0.5831) it can be said that the Control and Treatment group have no significant difference.

Notes:

Here, we have total three category for each of the situation (e.g. General, Mob, WDes and DE). The categories are "Low", "Medium" and "High". I think we should use the t-test for each of the category for each of the situation separately. To do this we need at least two observation for each of the categories.