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| № | Priority | Information | Result |
| TC.1 | A | Start with correct parameters.  1. Input price as positive number. E.g. 1000.  2. Input productivity as positive number. E.g. 1000.  3. Choose criterion | 1. No exception, no errors, program continues works  2. No exception, no errors, program continues works  3. Program show choose criterion and amount of developers each qualification |
| TC.2 | B | Start with negative price.  1. Input price as negative number | 1. Show message that price is incorrect. Ask input it again. |
| TC.3 | B | Start with negative productivity.  1. Input productivity as negative number. E.g. 1000. | 1. Show message that productivity is incorrect. Ask input it again. |
| TC.4 | B | Choose incorrect criterion  1. Input price as positive number. E.g. 1000.  2. Input productivity as positive number. E.g. 1000.  3. Choose nonexistent criterion | 1. No exception, no errors, program continues works  2. No exception, no errors, program continues works  3. Program show message that criterion is incorrect. Ask input it again. |
| TC.5 | B | Start with price as string  1. Input price as string.  E.g. two thousand. | 1. Show message that price is incorrect. Ask input it again. |
| TC.6 | B | Start with productivity as string  1. Input productivity as string.  E.g. two thousand. | 1. Show message that productivity is incorrect. Ask input it again. |
| TC. 7 | A | Criterion. Max productivity within sum. Check result.  Preparation: Build team with Junior – salary 10, productivity 60, Middle – salary 20 productivity 100  , Senior – salary 30, productivity 120.  1. Input price 50.  2. Choose criterion that show max productivity within sum. | 1. No exception, no errors, program continues works  2. Show message that team was build success. And contains one Senior and one Middle, which total salary is 50 |
| TC. 8 | A | Criterion. Min price with fix productivity. Check result  Preparation: Build team with Junior – salary 10, productivity 60, Middle – salary 20 productivity 100, Lead – salary 60, productivity 220  1. Input productivity 220  2. Choose criterion that show Min price with fix productivity. | 1. No exception, no errors, program continues works  2. Show message that team was build success. And contains one Senior and one Middle, which total productivity is 220 |
| TC.9 | A | Criterion. Min amount of developers with qualification upper Junior with fix productivity. Check result  Preparation: Build team with two Junior – salary 10, productivity 60, Middle – salary 20 productivity 100, Lead – salary 60, productivity 220  1. Input productivity 340  2. Choose criterion that show min amount of developers with qualification upper Junior with fix productivity. | 1. No exception, no errors, program continues works  2. Show message that team was build success. And contains two Junior and one Lead which total productivity is 340 |
| TC. 10 | C | Start with empty price  1. No input price. Click “enter” | 1. Show message that price is incorrect. Ask input it again. |
| TC.11 | C | Start with empty productivity  1. No input productivity. Click “enter” | 1. Show message that productivity is incorrect. Ask input it again. |