**Specification of requirements:**

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| Name | Find the distance between one station to another |
| Resume | Find the distance between stations, it will be measured respect their coordinates. |
| Input | * A double that represent the coordinate X * A double that represent the coordinate Y |
| Output | An integer that Will determine the distance |

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| Name | Add a station |
| Resume | We can add a station, so the graph will have a new station |
| Input | * A string with the name of the station * A double that represent the coordinate X * A double that represent the coordinate Y |
| Output | New station in the graph |

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| Name | Found a station by the name |
| Resume | We can find a station by the name, so if the name is equal a station the program returns a object od type Station |
| Input | * A string that represent the name of the station |
| Output | A object type Station |

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| --- | --- |
| Name | Found a station by the coordinates |
| Resume | We can find a station by their coordinates, so if the coordinates are equals to one of the graph, the program return the Station found |
| Input | * A double that represent the coordinate X * A double that represent the coordinate Y |
| Output | A object type Station |

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| Name | Delete a station |
| Resume | We can delete a station, so the graph won’t have the station deleted |
| Input | * A string with the name of the station * A double that represent the coordinate X * A double that represent the coordinate Y |
| Output | The station has been deleted |