Unit test designs

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| Name | Class | Scenary |
| SetUpscenary1 | **GraphAdjList** | 3 nodes added each one of them with a name, an average of people and an average of minutes for them. |
| SetUpscenary1 | **GraphAdjList** | The first node called “El ciclón” with an average people of 25 people and an average of minutes of 10. |
| SetUpscenary1 | **GraphAdjList** | The second node called “La cumbre” with an average of people of 40 and an average of minutes of 45. |
| SetUpscenary1 | **GraphAdjList** | The third node called “Los rápidos” with an average of people of 30 and an average of minutes of 25 |

**GraphAdjList** Test Case Design

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| Test objective: | | | | |
| Class | Method | Scenary | Input Values | result |
| **GraphAdjList** | addVertex | SetUpscenary1 | A hash table already created | The node “El ciclón” got added to the hash table |

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| Test objective: | | | | | | | |
| Class | Method | | Scenary | Input Values | | result | |
| **GraphAdjList** |  | |  |  | |  | |
|  | | | | | | | |
| Name | | Class | | | Scenary | |
| SetUpscenary1 | | **GraphAdjList** | | | 3 edges added each one of them with differente weights and a pair of nodes | |
| SetUpscenary1 | | **GraphAdjList** | | | The first edge with a weight of 12 and between “El ciclón” and “La cumbre” | |
| SetUpscenary1 | | **GraphAdjList** | | | The second called “La cumbre” with an average of people of 40 and an average of minutes of 45. | |
| SetUpscenary1 | | **GraphAdjList** | | | The third node called “Los rápidos” with an average of people of 30 and an average of minutes of 25 | |

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| Name | Class | Scenary |
| SetUpscenary2 | **GraphAdjList** | Search 2 nodes |

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| name | Class | Scenary |
| SetUpscenary3 | **GraphAdjList** | Search a path between El |