**Formato de escenarios y casos de uso**

**London Underground Application:**

**Configuración de los Escenarios**

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| **Nombre** | **Clase** | **Escenario** |
| setUpStage1 | TestGraph | The application with all stations and connections loaded. |

**Diseño de Casos de Prueba**

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| **Clase** | **Método** | **Escenario** | **Valores de Entrada** | **Resultado** |
| LondonUndergroundController | findShortestPath() | setUpStage1() | from = “"BUCKHURST HILL"  to = “LEYTONSTONE” | Path p = {"BUCKHURST HILL",  "WOODFORD",  "SOUTH WOODFORD",  "SNARESBROOK",  "LEYTONSTONE"}  with travel time of 9.86 min |
| LondonUndergroundController | findShortestPath() | setUpStage1() | from = “WATERLOO"  to = “WARREN STREET” | Path p = {" WATERLOO",  " WESTMINSTER",  " GREEN PARK",  " OXFORD CIRCUS",  " WARREN STREET"}  with travel time of 8.08 min |
| LondonUndergroundController | findShortestPath() | setUpStage1() | from = “OLD STREET"  to = “WEST KENSINGTON” | Path p = {"OLD STREET",  "MOORGATE",  "BANK",  "WATERLOO",  "WESTMINSTER",  "ST JAMES PARK",  "VICTORIA",  "SLOANE SQUARE",  "SOUTH KENSINGTON",  "GLOUCESTER ROAD",  "EARLS COURT",  "WEST KENSINGTON"}  with travel time of 24.87 min |
| LondonUndergroundController | findShortestPath() | setUpStage1() | from = “CAMDEN TOWN"  to = “WEST KENSINGTON” | Path p = {"CAMDEN TOWN",  "MORNINGTON CRESCENT",  "EUSTON (CX)",  "WARREN STREET",  "OXFORD CIRCUS",  "GREEN PARK",  "HYDE PARK CORNER",  "KNIGHTSBRIDGE",  "SOUTH KENSINGTON",  "GLOUCESTER ROAD",  "EARLS COURT",  "WEST KENSINGTON"}  with travel time of 22.66 min |
| LondonUndergroundController | findShortestPath() | setUpStage1() | from = “WARWICK AVENUE"  to = “TEMPLE” | Path p = {"WARWICK AVENUE",  "PADDINGTON",  "EDGWARE ROAD",  "MARYLEBONE",  "BAKER STREET",  "REGENTS PARK",  "OXFORD CIRCUS",  "PICCADILLY CIRCUS",  "CHARING CROSS",  "EMBANKMENT",  "TEMPLE"}  with travel time of 17.48 min |