TITLE:

Development of a Digital Twin of a Bio-inspired Quadruped Robotic Platform

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| Historic review | | | |
| Rev. | Change description | Author | Date |
| 001 | Document construction |  |  |
| 002 | Structural Change |  |  |
| 003 | Simple Correction |  |  |
| 004 | Structural Change |  |  |
| 005 | Structural Change |  |  |
| 006 |  |  |  |
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| Ref # | Functions | Category |
| 1.1 | Permite la comunicación entre rasberry pi 4 y computador por ssh |  |
| 1.2 | Permite la comunicación entre esp32 y la rasberry pi 4 por comunicación serial |  |
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| 1.4 |  |  |
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| Ref # | Description | Category |
| 1.0 | Software |  |
| 1.1 | Arduino IDE 2.2.1 |  |
| 1.2 | Ubuntu 22.04 |  |
| 1.3 | Python 3.10 |  |
| 1.4 | Ros2 Humble |  |
| 1.5 | Docker |  |
| 2.0 | Hardware |  |
| 2.1 | Arduino nano |  |
| 2.2 |  |  |

Diagrama conceptual

Planteamiento del problema