Simulator Requirement Specification

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| --- | --- |
| Department Name | Electrical Engineering |
| Class | SY B.Tech |
| Semester | III |
| Subject Name | Measurements and Instrumentation |
| Experiment No. | 1 |
| Experiment Name | Wheatstone Bridge |

Version History

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. No. | Version Number | Created By | Approved By | Date |
| 1 | v1.0 | Priya Yadav | Mrs. Sushmita Sharma | 12/10/2020 |
|  |  |  |  |  |

Detailed Requirement Specification

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| --- | --- | --- | --- |
| **Req. ID** | **Visual Entity Required** | **Requirement Description** | **Comments** |
| REQ1 | Next Button | To move to next step |  |
| REQ2 | Resistance | 1K, 1K, 10K(POT), Unknown Resistance |  |
| REQ3 | Milli voltmeter or Galvanometer | Analog Meter |  |
| REQ4 | Battery | 5V |  |
| REQ5 | Connector | To connect all |  |
| REQ6 | ON OFF Switch | To switch ON and Switch OFF | If it is ON it should glow Green,  If it is OFF it should glow RED. |