Embedded Systems Lab Demonstration Validation Sheet

This sheet should be modified by the student to reflect the current lab assignment being demonstrated

|  |  |
| --- | --- |
| Lab Number: | Lab 6 – UART Baud Rate Detection (Receiver board) |
| Team Members | |  | | --- | | Team Member 1: | | Team Member 2: | |
| Date: |  |

# Lab Demonstration Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| REQ Number | Objective | Self-Review | TA  Review |
| 1 | UART is able to initialize properly, transmit and receive. |  |  |
| 2 | The correct baud rate and parity is detected from a transmitting board. |  |  |
| 3 | The correct character is recognized from a transmitting board at an unknown baud rate. |  |  |

# Code Requirements (will not be graded during lab demo)

|  |  |  |  |
| --- | --- | --- | --- |
| REQ Number | Objective | Self-Review | TA  Review |
| 4 | All code must be commented and indented properly. |  |  |

Embedded Systems Lab Demonstration Validation Sheet

This sheet should be modified by the student to reflect the current lab assignment being demonstrated

|  |  |
| --- | --- |
| Lab Number: | Lab 6 – UART Baud Rate Detection (Transmitting board) |
| Team Members | |  | | --- | | Team Member 1: | | Team Member 2: | |
| Date: |  |

# Lab Demonstration Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| REQ Number | Objective | Self-Review | TA  Review |
| 1 | UART is able to initialize properly, transmit and receive. |  |  |
| 2 | A baud rate and parity is selectable for transmission to the board under test. |  |  |
|  | A transmit character is selectable for transmission to the board under test. |  |  |
| 3 | The correct character is recognized from the transmitting board causes the test to complete (and can be restarted for a new test). |  |  |

# Code Requirements (will not be graded during lab demo)

|  |  |  |  |
| --- | --- | --- | --- |
| REQ Number | Objective | Self-Review | TA  Review |
| 4 | All code must be commented and indented properly. |  |  |