PROJECT 2: CUSTOM IP BLOCK FOR ZYNQ

Digital Systems Project Submission Form

RealDigital

I am submitting my own work, and I accept that penalties will be assessed against me if I submit work that isn't mine.	Point Scale 4: Exemplary 3: Complete 2: Incomplete 1: Minor effort 0: Not submitted
Print Name Sign Name Date	

#	Deliverable	Wt	Pts	Date	Asst. Signature
**Requirements**					
1: Verify the Demo Project					
	Program demo	2			
	Verbal questions answered well	2			
2: Test various blinking patterns					
	Program demo	3			
	Verbal questions answered well	3			
3: Create functions to control LEDs					
	Program demo	3			
	Verbal questions answered well	3			
4:Add an enable function					
	Program demo	3			
	Verbal questions answered well	3			
**Challenges**					
1:Create IP for RGB LEDs					
	Program demo	1			
	Verbal questions answered well	1			
**Extensions**					
Describe					
	Program demo				
	Verbal questions answered well				
**Homework Problems**					
1	Simple handshake system	6			
2	Debouncer	10			
3	States over time	12			
4	State diagram rules	4			
5	When to synchronize outputs	7			
6	Verilog to schematic	10			
7	Counters	10			