Weekly Report

Date:12/4/13

Group name : Portable FPGA Based Serial Bus Multiplexer (Group 13)
Client/Advisor: Dr. Somani, Dr. Celik
Attendees/Role: Steven LeBlanc - Leader/Firmware Design Adriana Ceylan - Communications/Hardware Design Darin Cleveland - Webmaster/Hardware Design Justin Wheeler - Software Design

Accomplishments For Past Week

What	Who	Date
Worked on updating presentation and poster	All	12/4
Contacted Altera about continuing libusb problems for suggestions on how to overcome them	Justin	11/26
Realize mistake implementing Darin's UART code into qsys component	Adriana	11/20
Worked on integrating working USB module into system bus interface to connect with the Nios processor	Steve	12/2

Plan for Coming Week/Individual Tasks

What	Who	Date
Complete final version of project plan and design document	All	12/8
Write up documentation to help anyone who may be given this project in future	All	12/8
Give presentation	All	12/13
Create Darin's UART into qsys component and add	Adriana	12/8

to system		
Finish USB module integration into system	Steve	12/11

<div align="center">Pending Issues</div>

Issue	Responsibility
JTAG connections for programming the Nios Have become spotty. Connection will randomly die leaving us with inability to load new firmware.	Adriana, Darin, Steve
Quartus has become very touchy with removing hardware modules from the hardware solution. We need to find a solution that works, and slowly build off of it, saving copies of our system as we go along.	Adriana, Darin, Steve
Having difficulty downloading firmware to SRAM, possible timing issue	Steve

<div align="center">Individual Hourly Contribution</div>

Darin Cleveland	5
Adriana Ceylan	5
Steve LeBlanc	11
Justin Wheeler	4

Minutes:

8:18 - presentation is Friday 13th, 11-11:30.
8:20 - Steven successfully sending/receiving through USB but memory stopped working.
8:22 - Adriana's memory system isn't working either.
8:23 - Backtracking works, don't reset.
8:28 - Deadline is almost up. What now?
8:35 - Where did we screw up? Why?
8:45 - Debugging process: we can get help, but as we know our own code better, only we are likely to find the issue.
8:47 - Document our progress in a way that will assist another team pick up where we left off.