

## Weekly Report

Date:9/3/13

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

### Accomplishments For Past Week

| What                                    | Who | Date |
|---|-----|------|
| Refamiliarize tools and previous work   | All | 9/2  |
| Redistribute individual tasks           | All | 8/30 |
| Installed quartus on personal computers | All | 9/3  |

### Plan for Coming Week/Individual Tasks

| What  | Who     | When |
|---|---------|------|
| Assist Justin and Darin with with DMA/interacting with USB chip | Adriana | 9/8  |
| Add Darin's UART component to Qsys and link to nios processor   | Adriana | 9/8  |
| Work on accessing and controlling DMA                           | Justin  | 9/8  |

|  |       |     |
|--|-------|-----|
| Familiarize self with Qsys and work on DMA/interfacing with USB chip.  | Darin | 9/8 |
| Assist and lead the process of getting DMA to drive the USB controller | Steve | 9/8 |

#### Pending Issues

| Issue   | Responsibility |
|---|----------------|
| Computers in lab were updated and now quartus works but qsys and eclipse for nios doesn't | Steve/CSG      |

#### Individual Hourly Contribution

|                 |   |
|-----------------|---|
| Darin Cleveland | 2 |
| Adriana Ceylan  | 4 |
| Steve LeBlanc   | 1 |
| Justin Wheeler  | 2 |

-9/4 Meeting minutes:

8:00 - Review of past week's achievements.

8:08 - Must schedule USB, DMA, integration, memory access, linux code testing, general note taking.

8:16 - Reassignments: all DMA, Darin + Justin: USB, Steven + Adriana: general firmware. Darin + necessary assistance: report and poster.

8:28 - Testing - must have other people test it, because one tester will develop a fault muscle memory and forget the fault exists and other people will trigger it.

8:31 - Review of progress so far.

8:35 - DMA clock skew.

8:43 - New Zealand.

8:46 - RISK: if someone disappears, it is unlikely our team will have enough manpower to complete the project by the deadline.