Shaun Holtzman
Travis Wise
SoC Design
Tasks Breakdown - LZW Compression

Tasks Breakdown

Week 2/6 - 2/12
- Break down all inputs and outputs to S/W implementation of compression
- Begin writing code for compression

Week 2/13 - 2/19
- Break down all inputs and outputs to S/W implementation of decompression
- Begin writing code for decompression

Week 2/20 - 2/26
- Finalize any incomplete software
- Begin translating software to functional H/W blocks
- Prepare final software demo for next week

Week 2/27 - 3/1
2/27 - Software Demo
- Begin implementing H/W compression

Week 3/6 - 3/12
- Continue working on H/W compression
- Begin working on S/W decompression on the board
    - Determine how they compressed data will be getting from the H/W to S/W
    - Setup this communication

Week 3/13 - 3/19
- Continue working on H/W compression
- Continue working on S/W decompression on the board
- Prepare presentation for next week

Week 3/20 - 3/26

3/20 - HW/SW Partition and Test Plan Presentation

- Finalize H/W compression
- Integrate H/W & Software
- Finalize S/W decompression

Week 3/27 - 4/2

- Attempt adding features to fulfill optimistic goals
- Parallelize the encoder
- Prepare baseline demo for next

Week 4/3 - 4/19

4/3 - Baseline Demo Presentation

- Continue adding features if time permits
- Optimize design for speed/frequency
- Prepare final presentation and demo for next week

Week 4/10 - 4/16

4/17 - Final Presentations & Demo

- Finalize final presentation and demo