Orthodontic Wire Mechanical System Tester

Week 6 Progress Report
Group 7
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Work Completed

- Mechanical Design
- Software
- Assembly
Work Completed: Mechanical Design

- Base Sketch
Work Completed: Mechanical Design

- Vertical Brace Sketch
Work Completed: Mechanical Design

- Stainless Steel to be ordered from Yarde Materials
- Purchase Orders to be placed this coming Monday so that we can get them machined ASAP.
Work Completed: Software

- Incorporating use of encoder with motor
Work Completed: Software

Problem: Having trouble getting labVIEW to process these signals when motor is running at high speeds.
Work Completed: Assembly

- Linear slides Assembled
Future Work

- Meeting with Mike on Monday
- Finalize All Part Drawings
- Order Stainless Steel
- Solve Encoder Problem
- Configure NI USB-6210
Project Review

- Making Steps in the right direction
  - Parts designs being finalized
  - Making progress with software

- Lots of work to do
  - We have now received most of our parts and have a lot of work to do get them into a fully functional machine
Hours Worked:

- Total: 47 Hours