**S.P.E.A.R Workflow**

**January**:

Week 1:

Fabricator testing

Week 2:

Prototype creation and testing

Week 3:

Pneumatic circuit fabrication, EMG sensor acquisition

Week 4:

Control of Mechanism with hard coded angles, EMG signal processing

**February:**

Week 1:

EMG signal processing, start of fabrication of orthosis for inversion, eversion

Week 2:

EMG signal processing, completion of orthosis

Week 3:

Completion of EMG signal processing, integration of EMG results with completed orthosis

Week 4:

Testing and refinement