

Future Works

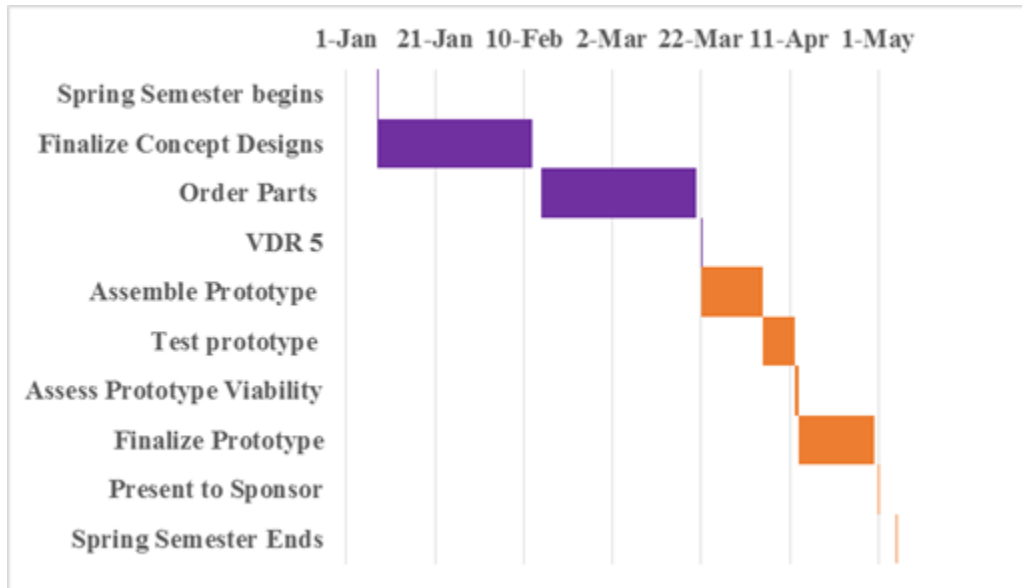


Figure 1 Gantt Chart

As of April 5th, 2018 team one is assembling and finalizing the Prototype. There were a few changes from the original Gantt chart which are shown in purple. These changes include taking more time to finalize the design and order the parts. The team decided to consolidate and make only one prototype to spend more time on the design which allowed the team to iterate the design two times before the parts were ordered. The delay in the time line for ordering parts was caused due to monetary allocation issues that have now been resolved. All of the parts have been received and are currently being assembled and finalized for testing. Testing is still being done in order to meet the objectives for the project. An operation manual has been created for the operation of the prototype. Finalizing the prototype is estimated to be complete by the beginning of April deadline in order to be complete for Engineer Design Day. Future work that is being completed included testing and validation by serial sectioning delivering the final product to Eglin Air Force Base. The method of serial sectioning is still being perfected in order to get a clean section with high visibility.