Greetings from Crimson Racing,

Another month of excitement has passed for the Crimson Racing team. Our manufacturing phase has begun as we begin to reach some of our design deadlines. We are starting to transition into building the parts so that we can get an early start on testing the parts before they reach the final car. First and foremost, the design of the frame has been finalized and all of the tubing has been purchased. The team is building several jigs to help in the frame building process. The jigs will help to hold the tubes in place while they are being welded to make sure that the tubes do not bend. As soon as the jigs are complete, the welding of the frame will begin, giving us several weeks to carefully put it together.

We have several new members that seem enthusiastic about the team. These new members have started to get their hands dirty with helping to build the jigs and a pit kart for next year's competition. The new members will get an opportunity to design a smaller kart vehicle so that they can experience the design and time required to make parts for the real car. We hope that by designing and building the kart, they will be prepared for the car and we look forward to giving them more and more opportunities as we find out which members are dedicated to the team.

Our search for an engine has been unsuccessful and the cause for many headaches recently. Twice we have agreed upon a price with a seller and been prepared to buy, only to have them stop talking to us as we approach the day we were planning on getting the engine. In a third case we even drove to Georgia to buy the engine, only to have the seller not show up. We are hoping that we are overdue for some good fortune when it comes to buying an engine.

One of the best resources we have available on campus is access to high quality 3-D printers. We were able to 3-D print our entire intake system in one of the large printers. The printer allowed for us to drastically cut down on the manufacturing process of the intake and will let us begin testing it on a flow bench as soon as possible. In addition to the intake, we have been able to use the printer to test fit designs before we must spend a lot of money to actually machine a specific part.

Thank you again for your support of the Crimson Racing program. We appreciate all the support you have offered us and we could not be in the situation we are in without you. We hope that you are excited about the progress that our team is making and we look forward to hearing from you. Please feel free to email us with questions, advice, or support.

Sincerely,
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