

I PRO 348

Universal Car Project

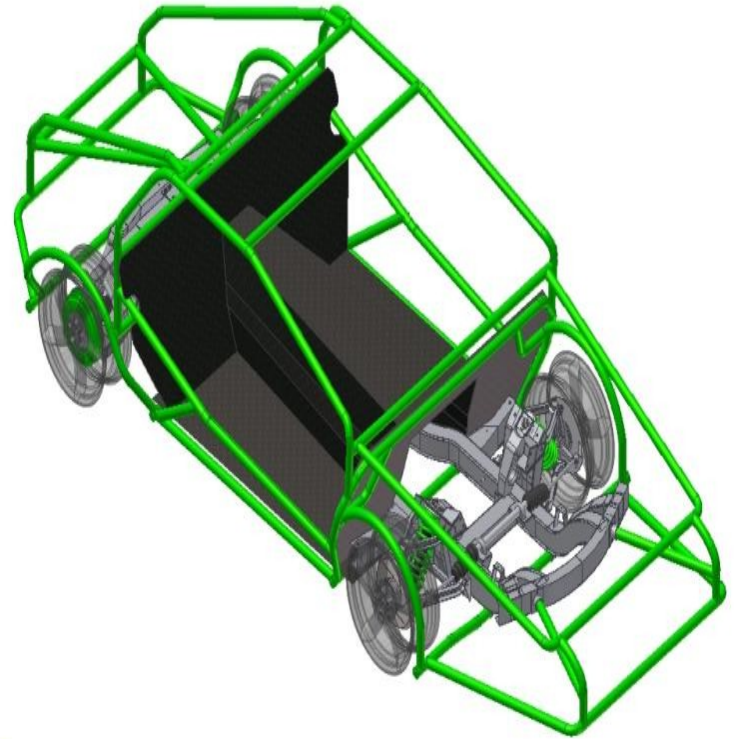
Problem

- An attempt to utilize the web to design and specify a “universal” platform upon which a wide range of functional vehicles can be design for developing

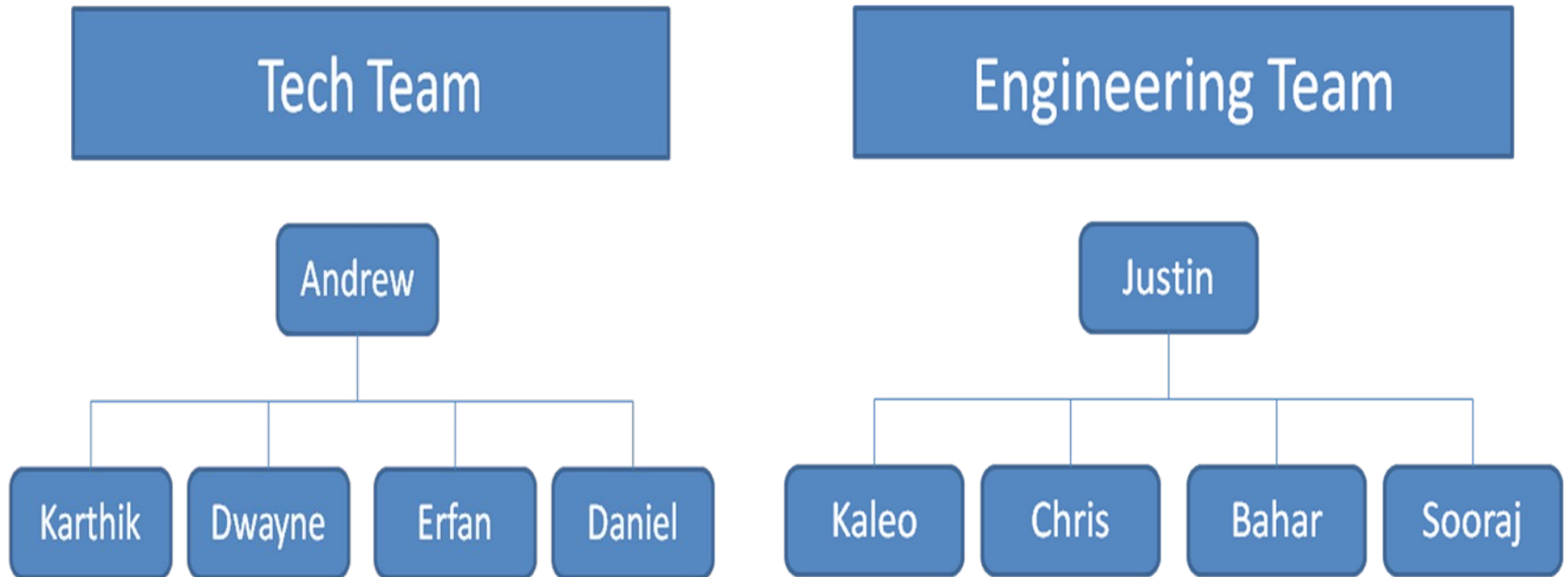


Vision

- Create a Standards organization that will take our advice to be able to build a universal chassis
- Solicit contributors within and not within the automotive industry and would want to develop this

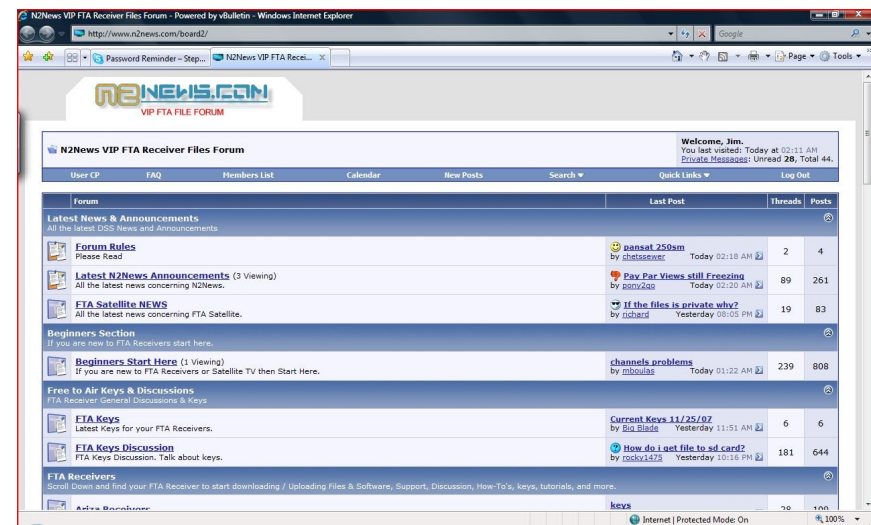
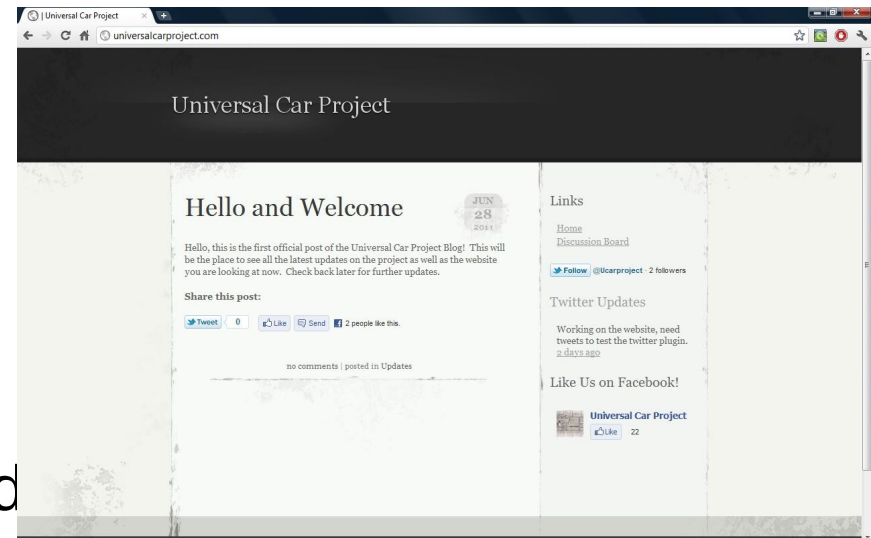


Organization



Steps to Our Goal - Tech

- Website
 - Acquire Server Space
 - Create Main Website
 - Create Blog-like Page
 - Create Discussion Board
- Social Media
 - Facebook Page
 - Twitter Account
 - Youtube Channel



Current Progress-Website

- UniversalCarProject.com
 - Main Page
 - Blog-like Interface with social media plug-ins
 - Tells our visitors about the progress of the project
 - Allows users to comment on said posts
 - Forums
 - Brings viewers into our discussions and allows them to contribute
 - Gauges community interest

Current Progress- Social Media

- Social Media
 - Facebook page is live
 - Twitter Account: @UCarProject
 - Youtube.com/UniversalCarProject



Reaching Out

- Spreading the word
 - Create and send press release to automotive and technology publications
 - Write on car blogs
 - Contact car hobbyist groups
 - Contact automotive and related industries to gauge interest
- Sending representative to Detroit

Steps to Our Goal - Engineering

- Research Automotive Design
 - Standard Mounting Points for Engine, Transmission, Suspension
 - Gross Vehicle Weights
- Design at least 2 chassis with Standard Mounting Points
 - Show how different components can attach to the same mounting points
 - Create 3D Models as visual aids

Steps to Our Goal- Engineering

- Contact Companies to obtain a sponsor
- Set up a Tour with Q&A session with an automotive manufacturer

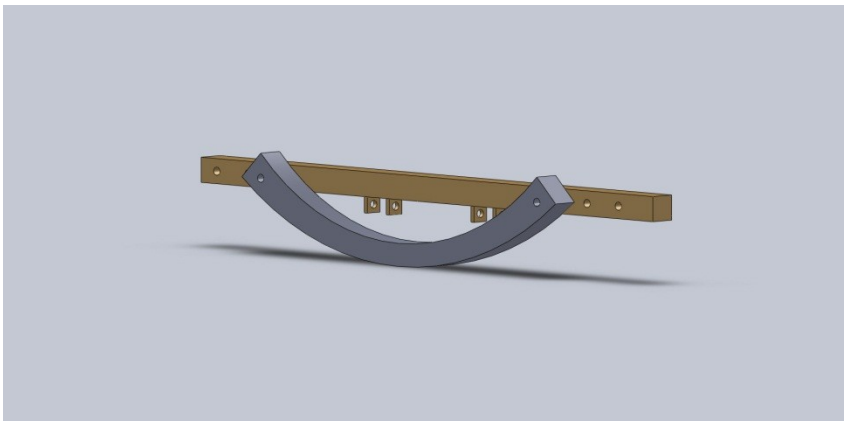
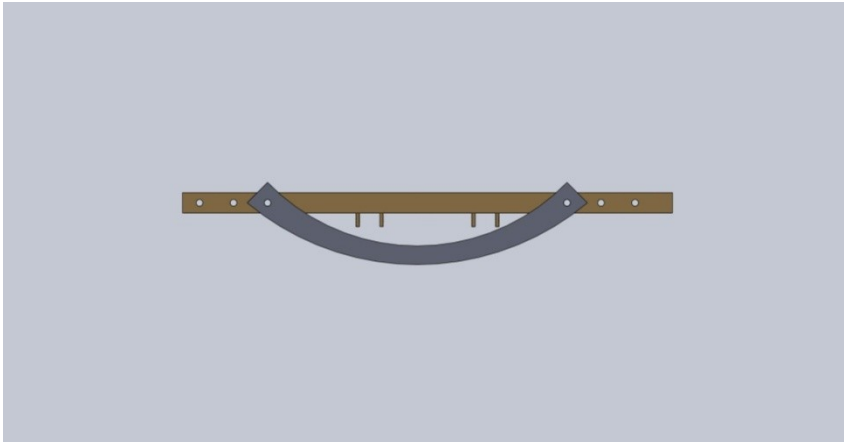


Current Progress- Engineering

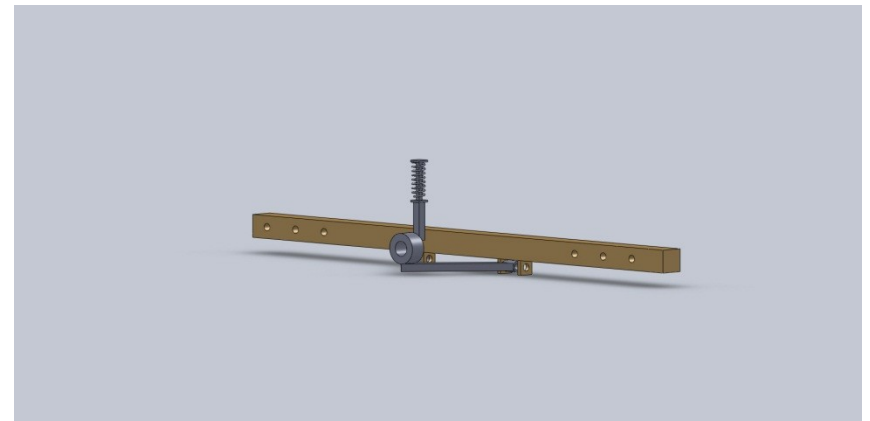
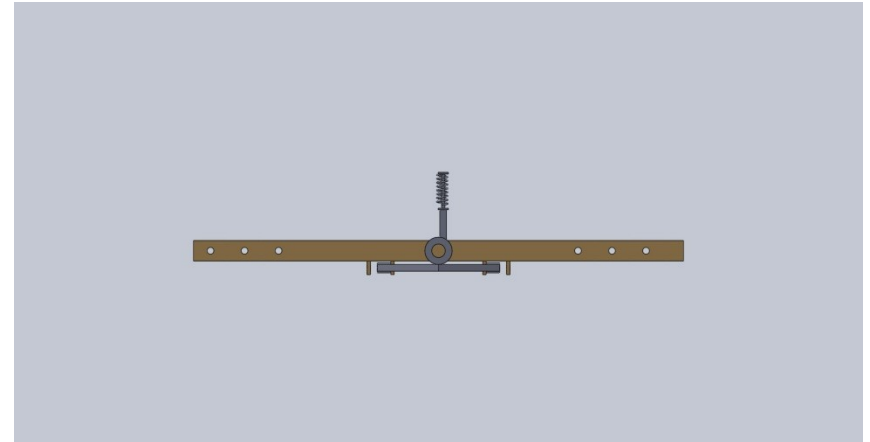
- Finalizing Tour with Q&A with Subaru
- Made Contact with GM
- Research
 - Standard Mounting points for Engines and Transmissions
 - Gross Vehicle Weights

3D Model

- Leaf Spring



- Macpherson Strut



Obstacles

- Finding Part Dimensions
- Obtain server space and creating a presentable website in a limited amount of time
- Delegating work without interfering with each other's progress
- Have not been able to create a relationship with Ford Plant in Chicago

Questions?