Ethics Deliverables

For Question 1, every IPRO member put forth their own opinion, for Question 2, our IPRO conducted several meetings with the Ethics Librarian Kelly Laas and came up with a uniform answer for our entire project.

Answers to Question 1: How are the team members going to relate to each other in a manner that is fair, equitable and honest?


"The team members are going to relate to each other in a manner that is fair, equitable and honest by respecting everyone's work and effort equally. If you want to be treated in a manner that is honest,
fair and equitable, you would treat someone else the same way.  If everyone in the IPRO follows these simple
steps, we will be able to have a fair, equitable and honest environment." – Erfan Setork

"Each team member will communicate and collaborate with all team members in a proper and respectful manner. If there would be any disagreements or arguments, a calm and fair approach will be taken where both parties listen and respectful." –Kaleo Pedrina

"Our team members are going to relate to one another because we are united towards a common goal.  While we all have different fields that we are specialized in, it is because we are all moving towards a single goal that we all expect everyone to perform in a fair, equitable and honest, manner." -Andrew DiCosola

"Treating each other with respect, and trying to understand things from the others perspective would ensure that matters remain fair and equitable, while good communication would improve honesty." -Sooraj Kumar

"I think , our ipro group is very friendly and honest. Everybody listens each other and tell own ideas about the project. Also tech team and engineer team work together very well." -Bahar Aynaci

"Golden Rule: Treat others with the same respect that you would like to
be treated with.  If this rule is applied, team members will relate to
each other in a manner that is fair, equitable and honest." –Karthik Prabhu

"Each member will should be treated with respect as long as they show respect to the other team members and fulfill the tasks assigned and those that they volunteer for." –Chris Williams

Answer for Question 2: What are the ethical challenges embedded in the particular project in which the team is involved?

Potential Ethics topics/dilemmas with help from Kelly Laas, Ethics Librarian IIT.

Safety:

Will safety be an ethical problem?  Are goal for this project is to design at the beginning a chassis, a Chassis by itself is neither safe nor unsafe, it is a point to mount car components onto. Emerging Economies and Developing nations lack an industrialized base/manufacturing base which will mean that safety standards likely will be more lax then in Western and other developed nations where there has been a need and justification for safety standard.  The lack of in place safety standards coupled with the ability to now produce a care that they have total control could lead to an unsafe vehicle; however, the UCP is not building cars for people, but is designing a chassis that can be adjust to many designs and the final design of every vehicle is entirely dependent on how the end user chooses to build their car.  The end product for every builder will be as safe or not safe as they choose to make it.

Oil and Carbon Emissions:

By introducing a means and a way for large numbers automobiles to be made available to a group of people previously unable to acquire these vehicles will increase by a significant amount; however, throughout history undeveloped nations have been "exploited" for natural resources that they were unable to benefit directly from while developed nations reaped the benefits.  Does the Universal car allowing person to benefit from their own nations resources justify the loss to world reserves of a natural resource?  The UCP is aimed at providing vehicles to areas where vehicles may not have been readily available and attempting to force developed nations to abide by the same standards for air quality and pollutants that Western and developed nations are held to.

The UCP ethics questions were discussed with Kelly Laas on multiple occasions in order to ensure that the IPRO was upholding the ethical standards set forth by both the University and Dr. Davis.