The main application user for this project will be Associate Director of the Department of Civil Engineering, Dr. Raul Zapata. He presented us with the idea of automatization of the current process of using a scale to measure aerodynamic properties  of objects that are put to the test on an wind tunnel that the department owns. The current scale is used by manual interaction with it, and made use of sand and moving parts that if automated will make the repetitive process of the tests easier  to handle. This scale was built by the director who as a result knows all the factors in building the scale that could affect the experiment. To be able to replicate the behavior in an automated manner we will be contacting the director to provide us with technical specifications of what the system must achieve, and if the chosen design complies with these specifications. Stated by the director:

                  "If possible I would like to see the construction of a electronic scale that replaces the current mechanical scale. I am available to discuss any technical specification about the scale as well as any theoretical information. This project would enable us to run tests faster and more efficiently, and one of the main factor that the project helps with is time since the amount of time used for running the experiments is extensive. For any issues or questions I can be contacted by email at raul.zapata@upr.edu and at the telephone number \_\_\_\_\_\_\_\_\_\_\_"

Raul Zapata

Associate Director of the Department of Civil Engineering