

Customer Need #	Importance	Description
CN1	3	Simulates fluid flow over a body horizontally
CN2	3	Allows user to see flow around geometry
CN3	3	Can be run for many demonstrations (multiple lab sessions)
CN4	3	Has repeatability to allow for future quantitative experiments
CN5	3	Adaptable for different geometries
CN6	3	Adaptable for different angles of attack
CN7	3	Equipment safe for human interaction
CN8	3	Modular pump/reservoir system
CN9	2	Requires minimal maintenance to replace parts
CN10	2	Interchangeable components
CN11	2	Easy to break down parts
CN12	2	Easily transportable
CN13	2	Has variable speed flow
CN14	2	Has measurable speed
CN15	2	Easy to use controls interface
CN16	2	Has uniform flow region known
CN17	2	Easy to set up
CN18	2	Easy to clean
CN19	2	Easily stored
CN20	2	Needs to retain liquid
CN21	2	Noise cannot be prohibitive to teaching

\*1 = Least Important, 2 = Important, 3 = Very Important