

Revision #: 1.1

Customer Need #	Importance	Description	Comments/Status
CN1	2	Autonomous start/stop	Start/Stop levitating without user assistance even if power fails
CN2	1	Visibility from decent distance	Clock size and environmental lighting
CN3	1	Adjustable time set point	Easy user input for time set point and user feedback(LCD) to show set point
CN4	2	Standard wall outlet power	US Standard
CN5	2	On/Off Indication	Clock On/Off indicator
CN6	1	Indoor Operation	Room temperature and humidity
CN7	3	Outdoor Operation	Northeast US climate
CN8	1	Hour accuracy	Minutes do not need to be perfectly accurate
CN9	3	Night time visibility	Environmental lighting
CN10	1	Appear Magical	Want it to seem like magic

Cust. Need #: enables cross-referencing (traceability) with specifications

Importance: Sample scale (1=must have, 2=nice to have, 3=preference only), or see Ulrich exhibit 4-8.

Description: organize as primary and secondary needs (hierarchy) -- Ulrich exhibit 4.8

Comment/Status: allows tracking of questions, proposed changes, etc; indicate if you are meeting the need ("met") or not ("not met")