

Name	Customer Requirements	Engineering requirements	Video Link
Multi-color	The system should be colorful.	The system should display at least 10 unique colors.	
Resolution	The system should be able to display alphanumeric messages.	The system display should have a resolution of at least 5x5x7.	
Animations	The system should have multiple animations.	The system should have at least 3 pre-programmed animations.	
User-programmable	The system should be user programmable.	The system should have a GUI that allows users to design at least 3 new messages and animations.	
Quality confirmation	The system should look continuous.	The system display should not appear to flicker to at least 2 people other than the project designers.	
Mobility	The system should be portable.	The system should be able to be powered by at least 1 other source not including a wall outlet.	