Requirements:

- Customer Requirement: The system should be colorful.
  - Engineering Requirement: The system should display at least 10 unique colors.
  - Link: [https://youtu.be/RvaKyy83Lqo](https://youtu.be/RvaKyy83Lqo)

- Customer Requirement: The system should be able to display alphanumeric messages.
  - Engineering Requirement: The system display should have a resolution of at least 5x5x7.
  - Link: [https://youtu.be/RvaKyy83Lqo](https://youtu.be/RvaKyy83Lqo)

- Customer Requirement: The system should have multiple animations.
  - Engineering Requirement: The system should have at least 3 pre-programmed animations.
  - Link: [https://youtu.be/RvaKyy83Lqo](https://youtu.be/RvaKyy83Lqo)

- Customer Requirement: The system should be user programmable.
  - Engineering Requirement: The system should have a GUI that allows users to design at least 3 new messages and animations.
  - Link: [https://youtu.be/azb9A54lIAI](https://youtu.be/azb9A54lIAI)

- Customer Requirement: The system should look continuous.
  - Engineering Requirement: The system display should not appear to flicker to at least 2 people other than the project designers.
  - Link: [https://youtu.be/FHKgF4yvBOg](https://youtu.be/FHKgF4yvBOg)

- Customer Requirement: The system uses Bluetooth from user’s smartphone
  - Engineering Requirement: The system uses an app to be able to switch between the six or more animations (at least three preprogrammed and at least three defined by the user in GUI).
  - Link: [https://youtu.be/VEijD9SFo8Q](https://youtu.be/VEijD9SFo8Q)