

## Changelog

14<sup>th</sup> March 2016

- Pranit and Aishni: Created introductory code for obstacle detection using a light sensor and LEDs to display an obstacle

28<sup>th</sup> March 2016

- Pranit: Completed Obstacle detection code with:
  - Detection for the first and second obstacle independently with a timeout for lifting and putting down of object when first and second obstacle is detected
- Pranit: Wrote introductory code for audio during the lifting process
- Aishni: Built the lego device with:
  - A powered lifting mechanism

4<sup>th</sup> April, 2015

- Pranit and Aishni:
  - Completed Lego device for forklift
  - Implemented audio beep while lifting and delivering object
  - Implemented status display on 7-segment display
  - Implemented VGA display
  - Implemented start/stop using pushbuttons
  - Implemented multiple sensor input to detect first and second obstacle differently