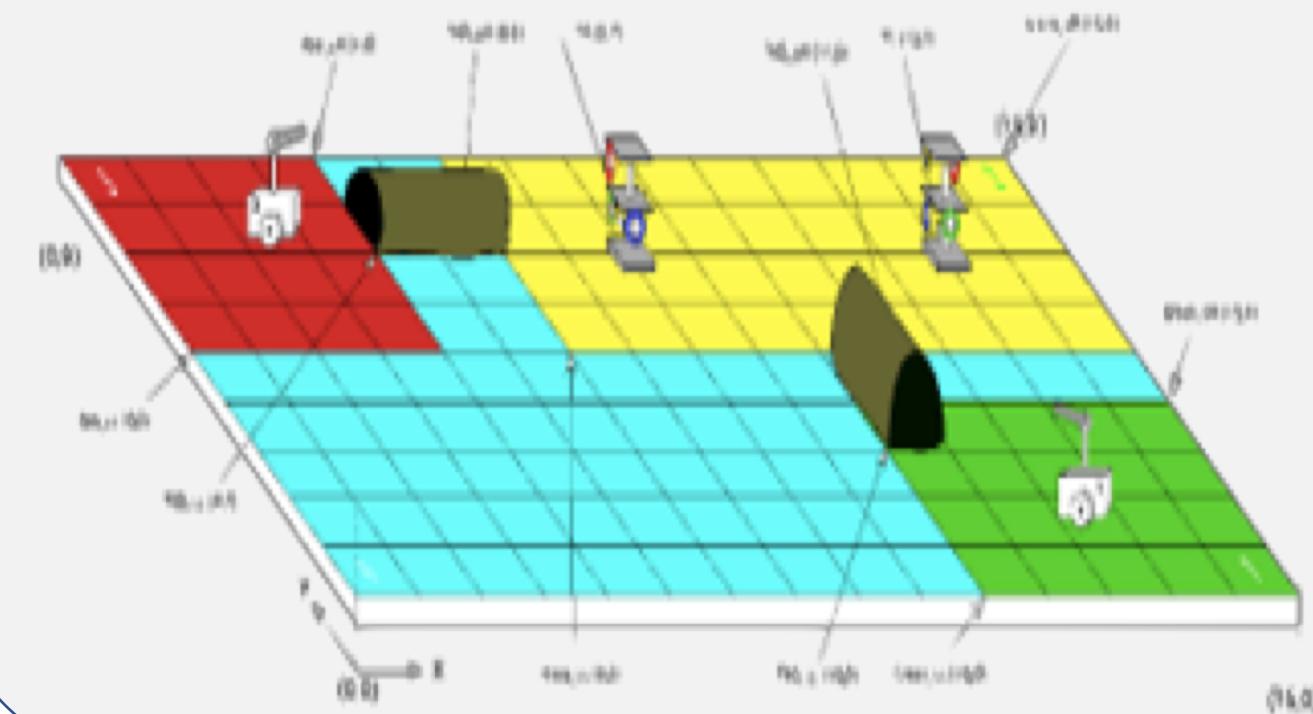


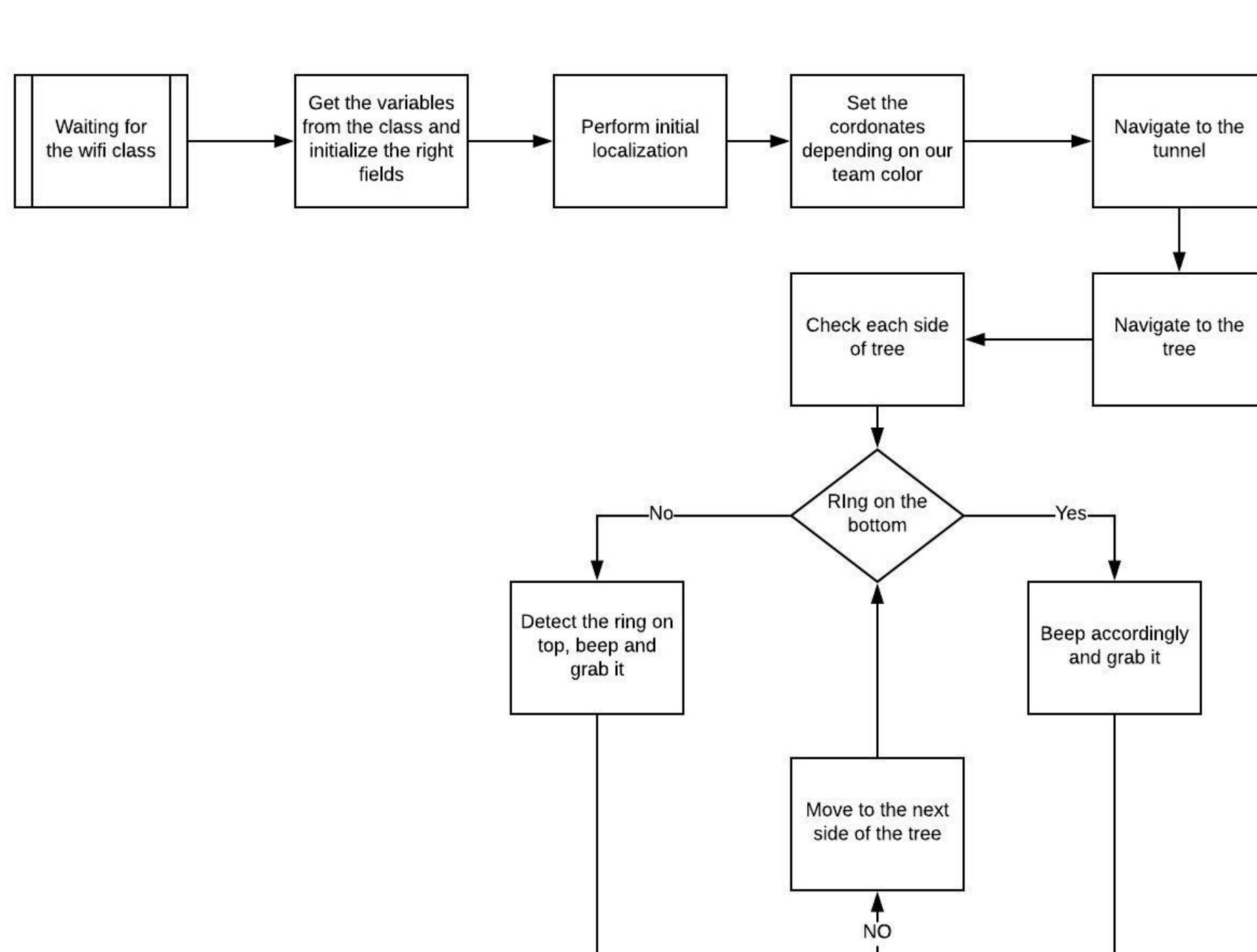
## Overview

Design and construct a machine that can autonomously navigate a closed course in search, grasp and retrieve of a set of colored rings, and return to the starting corner.

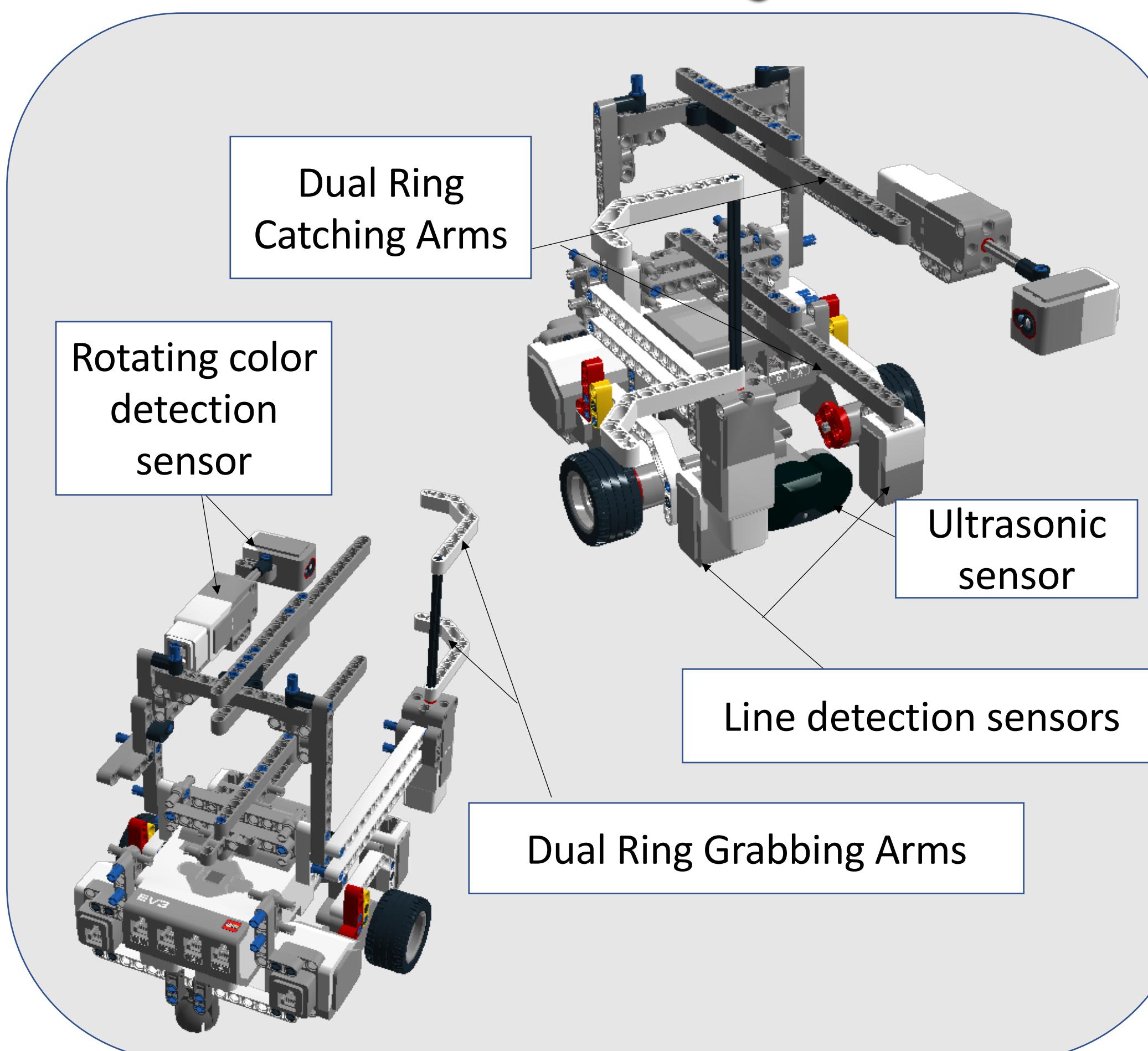


Restrictions
30 seconds for initial localization
5 minutes time limit
Navigation accuracy
Tunnel size restriction

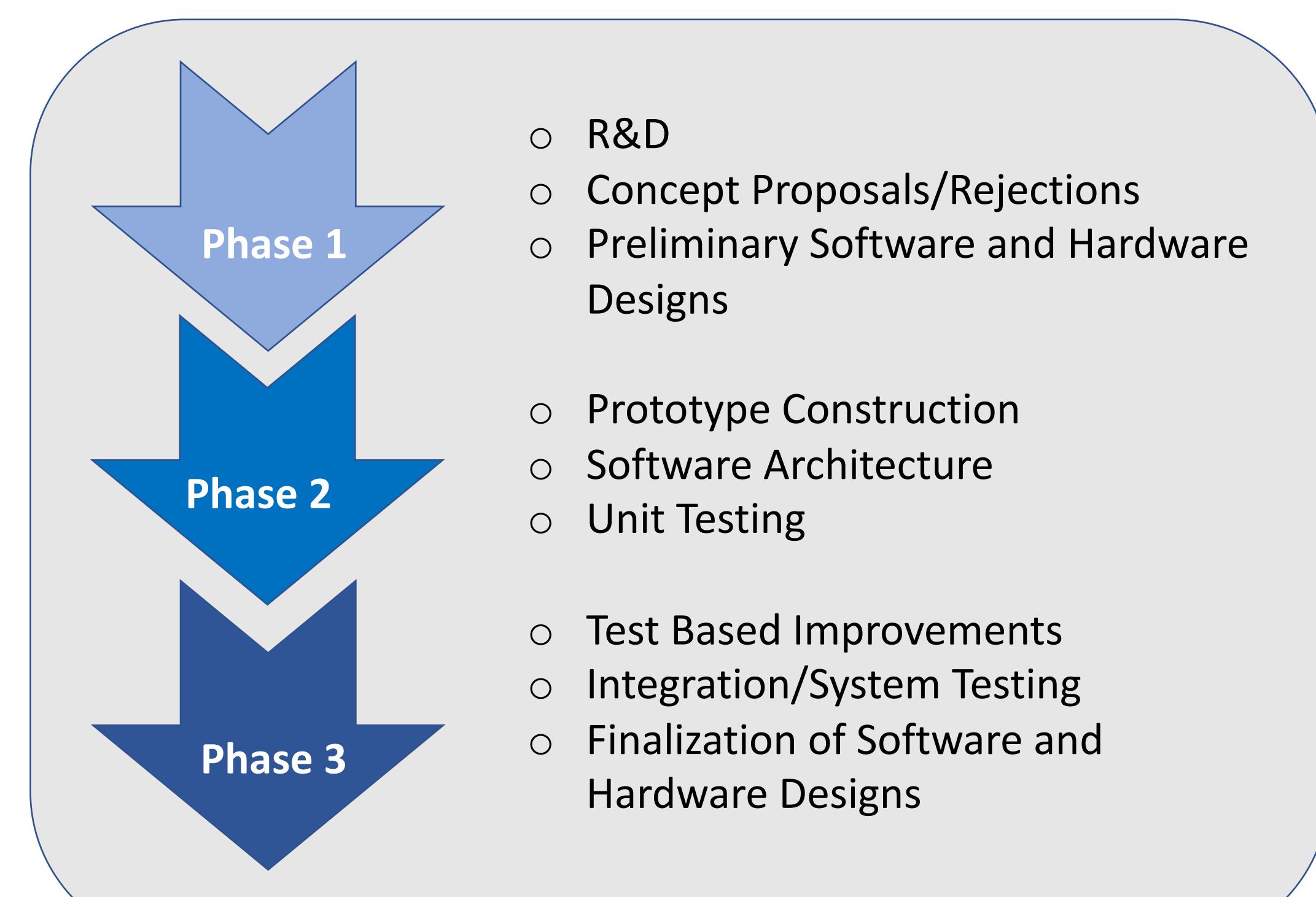
## Software



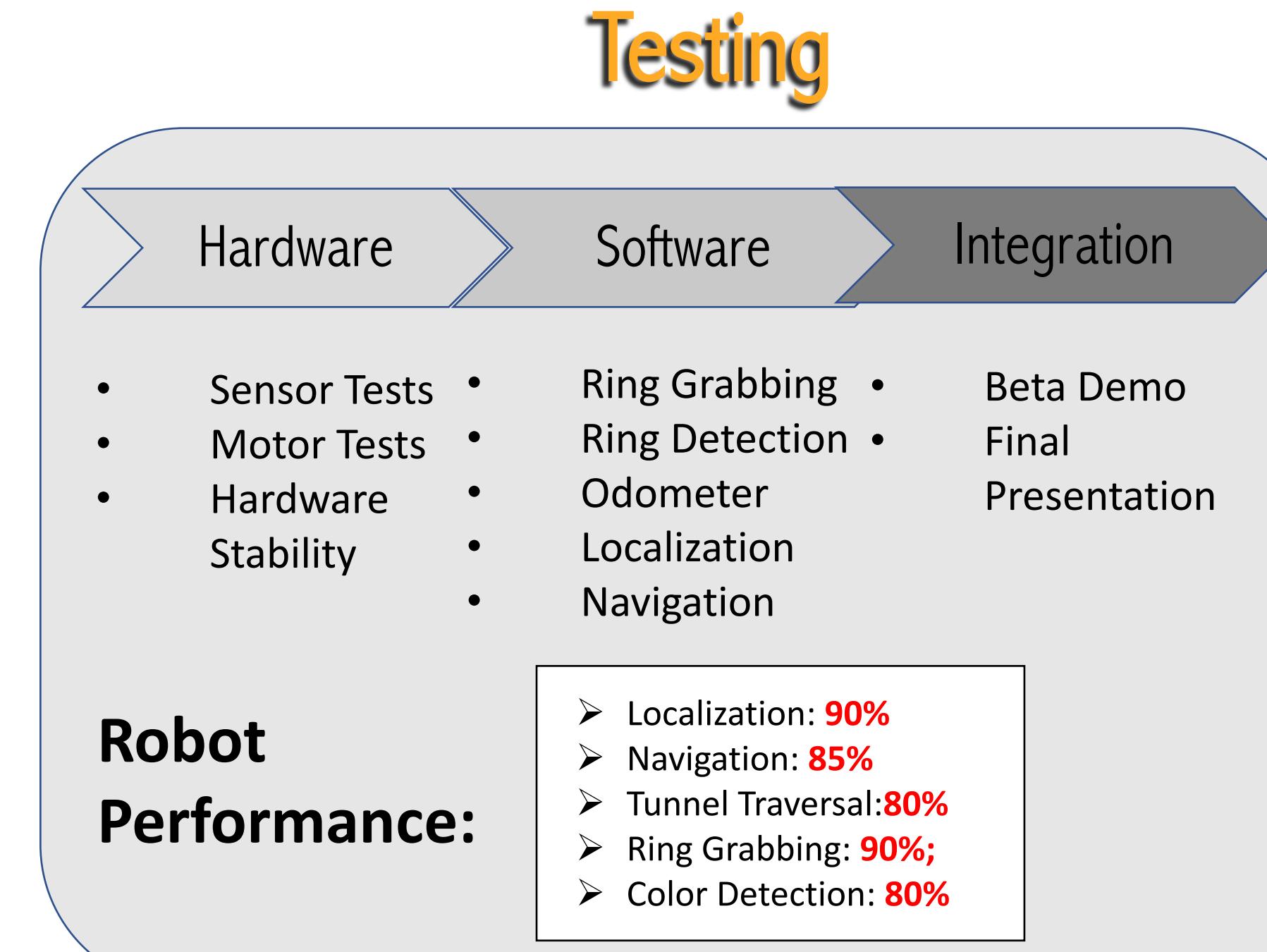
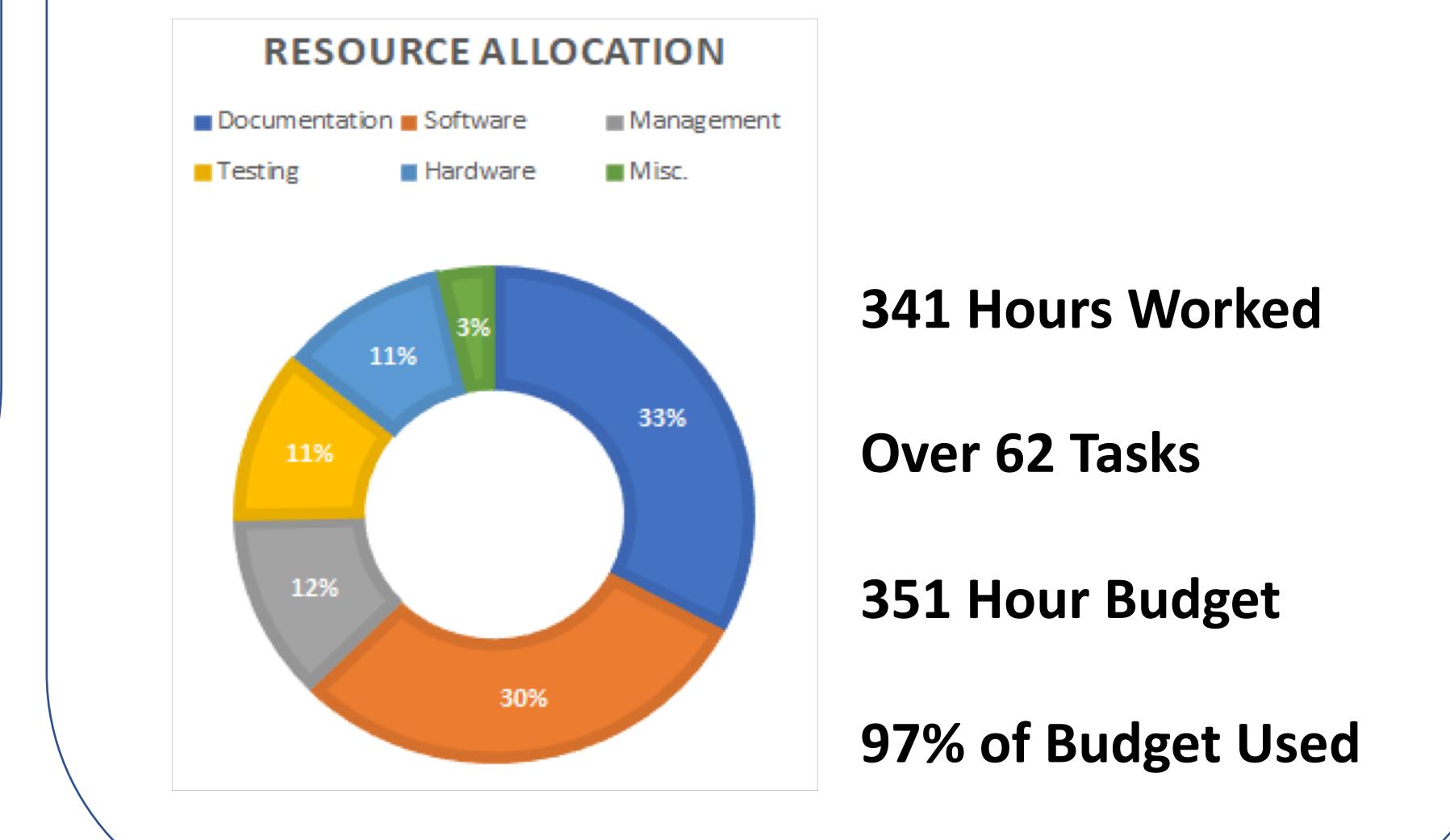
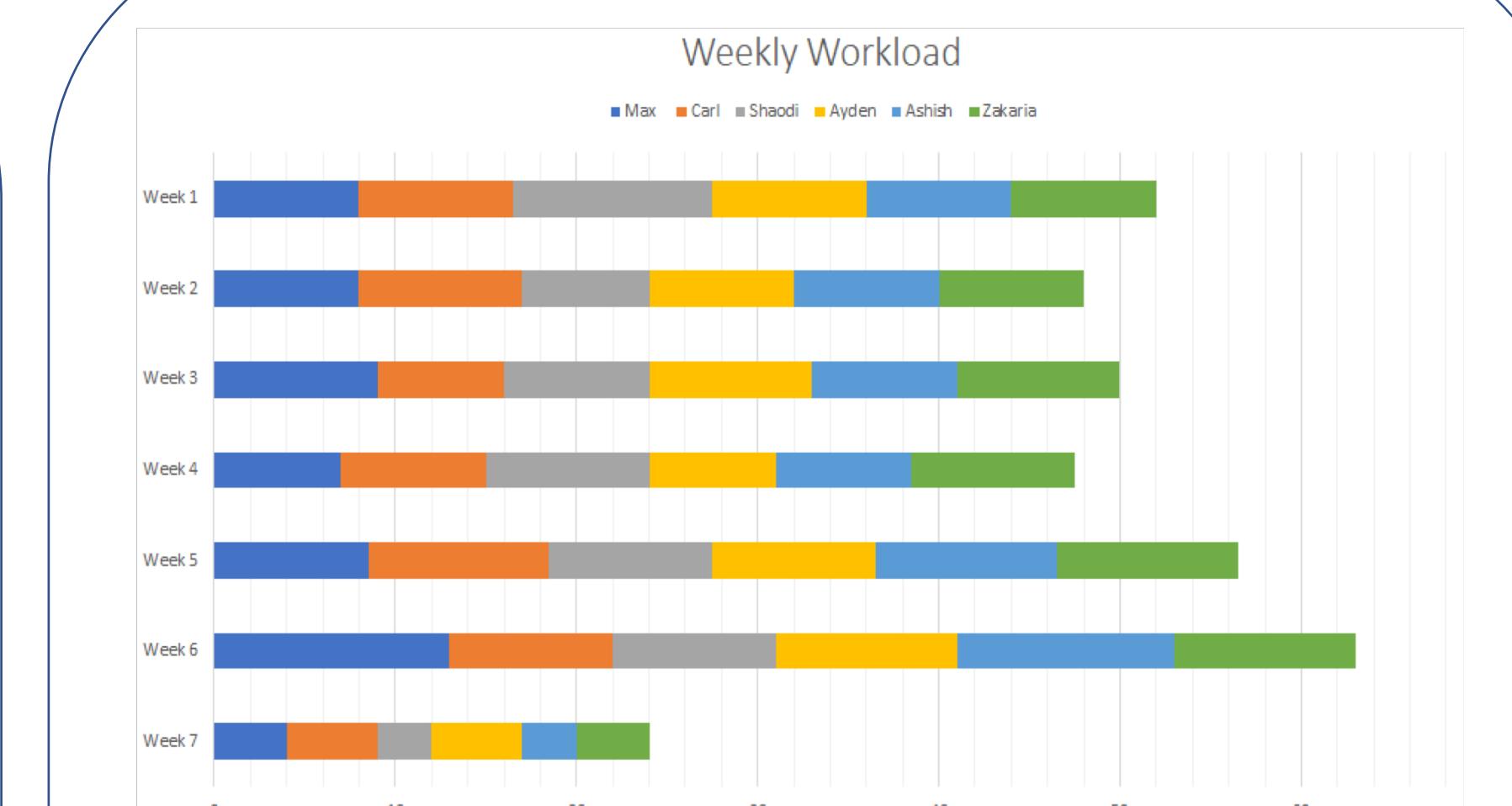
## Hardware Design



## Design Process



## Management



## Tools

