



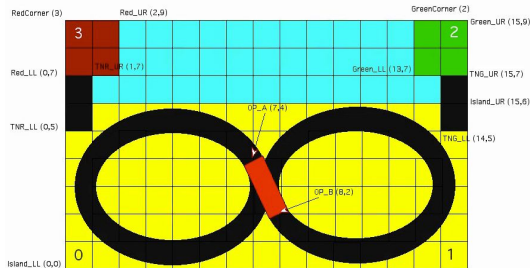
- Yutong Wang-Hardware Team Lead
- Junjian Chen-Testing Team Lead
- Lide Cui-Software Engineer

- Angelina Duan-Project Manager
- Shichang Zhang-Software Team Lead
- Dominic Chan-Documentation Manager

## Objective

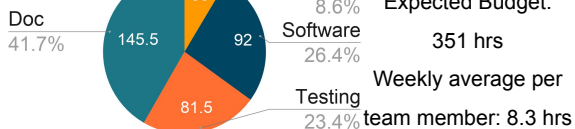
### TASKS:

- Receive game parameters from the Wi-Fi class
- Pass the tunnel
- Traverse through given waypoints
- Avoid any obstacles
- Go over/under the overpass
- Return to its starting point
- Finish all tasks within 5 min



## Management

Team Budget



Total Budget: 349 hrs

Expected Budget:

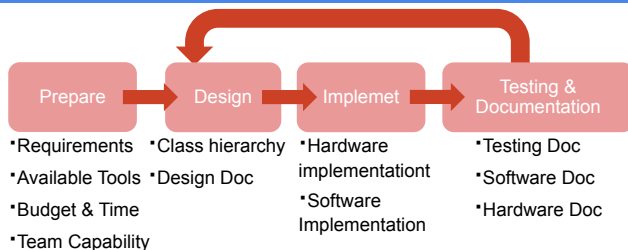
351 hrs

Weekly average per team member: 8.3 hrs

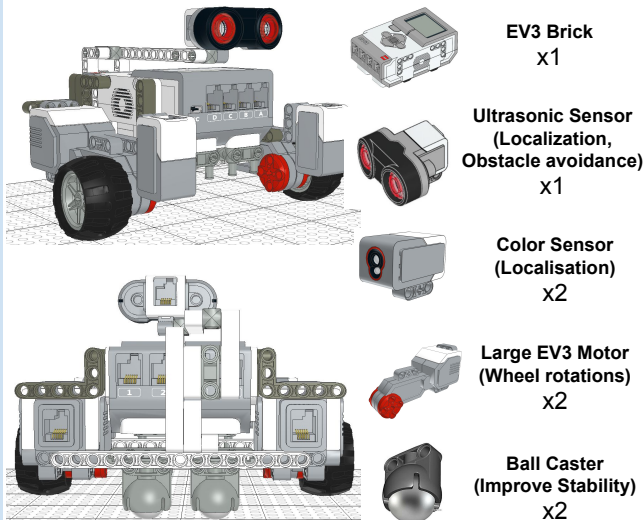
## Tools



## Design Process



## Hardware Design



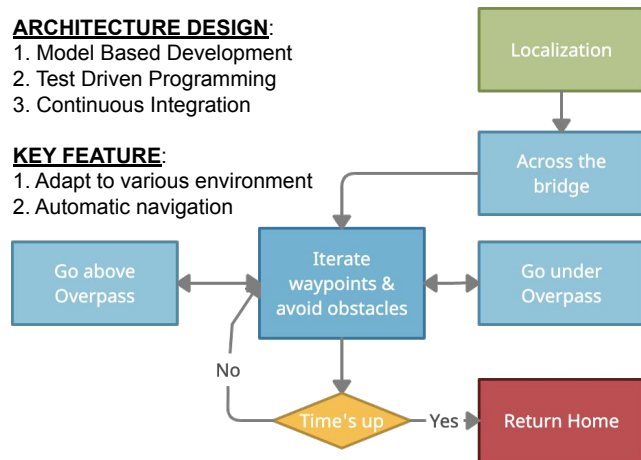
## Software Design

### ARCHITECTURE DESIGN:

- Model Based Development
- Test Driven Programming
- Continuous Integration

### KEY FEATURE:

- Adapt to various environment
- Automatic navigation



## Testing

