**X-CALI**



**Critical Design Review Report**

*“Design of Robots Collaboratively Carrying a Long Object Through an Open-Top Maze”*

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# Introduction

# Design Description

## System Description

## Subsystem Analysis

### Body: plank, şase boyutları, pil

### Detection: kameralar, sensörler, algoritma

### Movement: tekerler motorlar, algoritma

## Component Analysis

### Microcontrollers: RP3, Arduino Uno

### Sensors: Ultrasonic, IR

### Motors:

### Chassis: wooden

### Wheels: material, plastic mad wheel: aluminum

## Requirement Analysis

## Risk Analysis

## Power Consumption Analysis

## Cost Analysis

## Development Schedule

# Modification to Conceptual Design

# Test Procedures and Test Results

# Organization Plan

Figure XXXXXXXXX: Organizational Structure of X-Cali

# Conclusion

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