

Task 2

Requirements analysis

Unit Testing

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Requirements Design of foot joints:

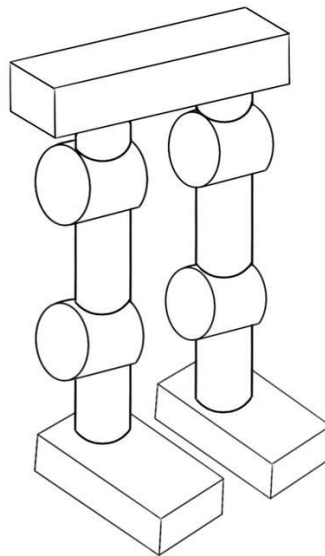
Bearing:

To build a moving mechanical piece we use bearing to reduce the friction of moving parts.

Requirements

- Suitable Joint Location
- Calculation of angle of the robot foot

Design:



Wheel Addition:

We connect the wheels with the body using Robot suspension system.

Function

- Reduce vibration
- Increased stability
- Flexibility in robot movement

Design And Unit Testing:

