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1 Narrative

1.1 Problem

1.2 Narrative

1.3 Goals

2 Requirements

2.1 MCU

2.1.1 Minimum Viable Product

- Read local sensor data (e.g. sunlight, soil moisture, temperature)
- Adjust parameters of local modules (e.g. shade, water, nutrients)
- Interpret user settings and adjust parameters of modules accordingly
- Fulfill web requirements with at least two computers/controllers

2.1.2 Stretch

- Fulfill web requirements with one computer/controller
- Local user display (e.g. LCD, dot matrix, segmented)

2.2 Power

2.2.1 Minimum Viable Product

2.2.2 Stretch

2.3 Sensing

2.3.1 Minimum Viable Product

2.3.2 Stretch

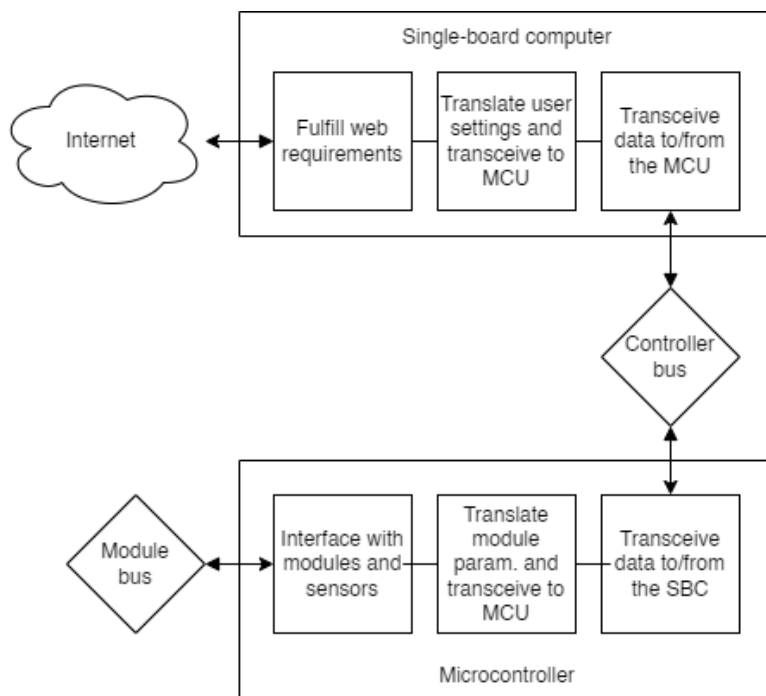
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2.4.1 Minimum Viable Product

2.4.2 Stretch

3 Block Diagrams

3.1 MCU



3.2 Power

3.3 Sensing

3.4 Web

4 Project Management

4.1 Budget

4.2 Finance

4.3 Milestones

4.3.1 Fall

4.3.2 Spring