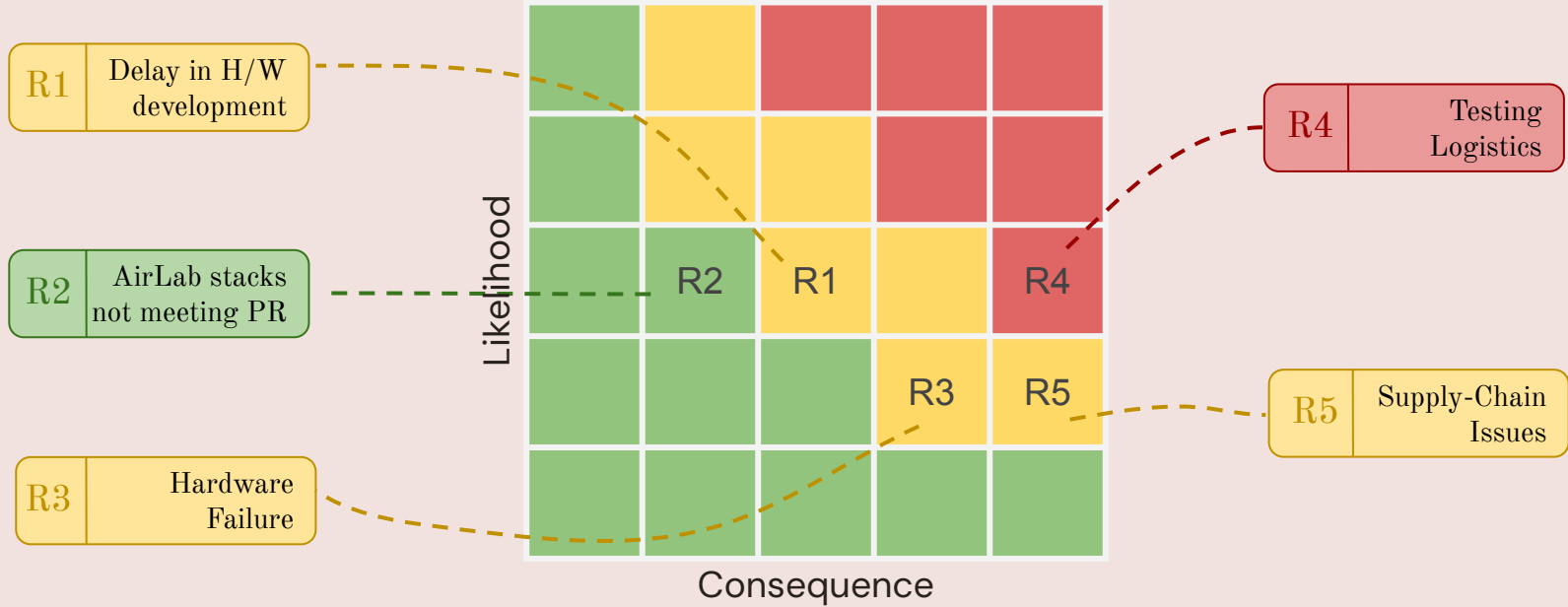


# Consequences and Likelihoods



# Risk Management

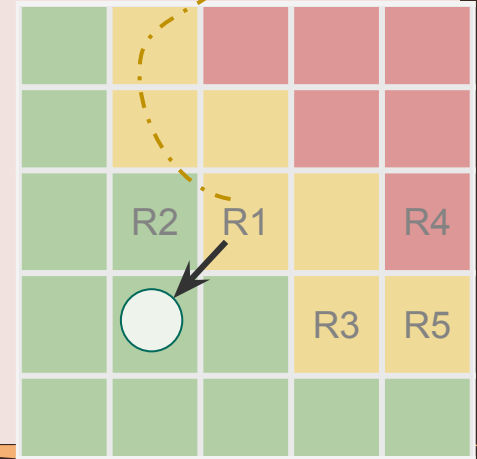
Schedule

Cost

Cause	Consequence	Mitigation
Shared inventory and manufacturing delays	Delay in the systems integration process	Parallely work on Simulation testing
	Delay in Field Testing	Use maximum OTS components

**Risk 1**

Delay in Hardware Development

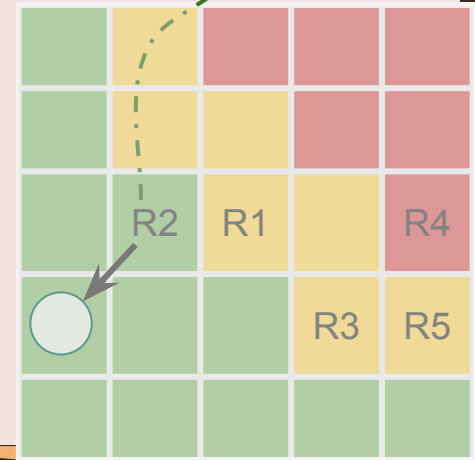
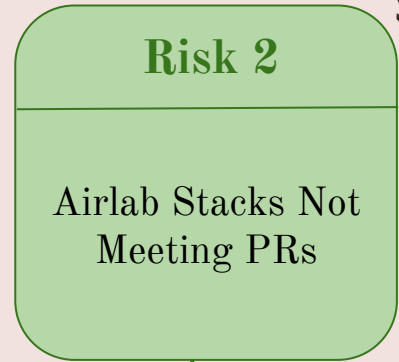


# Risk Management

Schedule

Technical

Cause	Consequence	Mitigation
AirLab stacks when integrated together do not perform as per documented PRs	System Fails MRSD Requirements	Parallely Explore and Document SOTA
	Delay in Schedule	Negotiate With Sponsors and Revist PRs
		Parallely Integrate Dependent Stacks



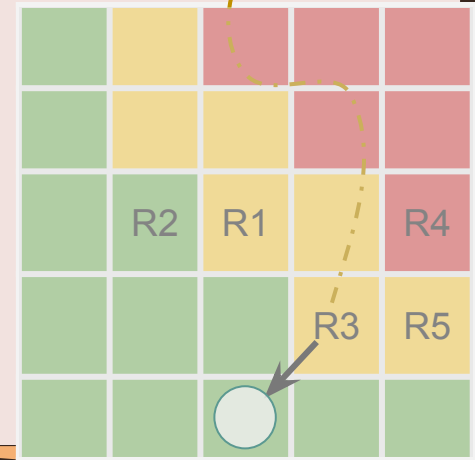
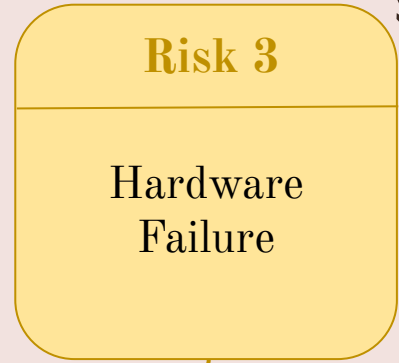
# Risk Management

Schedule

Cost

Technical

Cause	Consequence	Mitigation
Broken parts during testing, or unprecedented crashes :(	<ul style="list-style-type: none"><li>Halt in system testing</li><li>Effect on schedule and cost</li></ul>	<ul style="list-style-type: none"><li>Have replaceable spare parts</li><li>Perform stress testing to calculate limits in teleoperable mode</li></ul>



# Risk Management

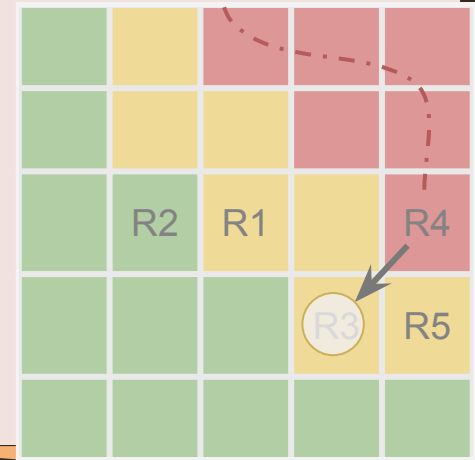
Schedule

Prog.

Cause	Consequence	Mitigation
Issues in obtaining permits for certain spaces to shut off fire alarms and/or use drones	Delays in continuous testing  Problems in SVD/FVD logistics	Accurate scheduling and keeping track of options  Perform unit testing  Setup a safe backup option - MRSD space

## Risk 4

Unavailability of Testing space and issues in creating environment



# Risk Management

Prog.

Schedule

Cost

Technical

Cause	Consequence	Mitigation
Certain parts not getting delivered from overseas.	Delay in system testing	Order parts beforehand
	Not being able to meet the PRs	Freeze hardware design ahead of time
		Explore alternate options beforehand

## Risk 5

Supply Chain Snags and Issues

