

SPRINT 4 REVIEW + DEMO



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SPRINT GOAL

- Our goal for Sprint 4 will be stabilizing our system and researching for future items.

PRODUCT BACKLOG ITEMS

Backlog Item	Estimate (hours)	Actual (hours)
Stabilizing our system	8	12
Researching for future items	7	3

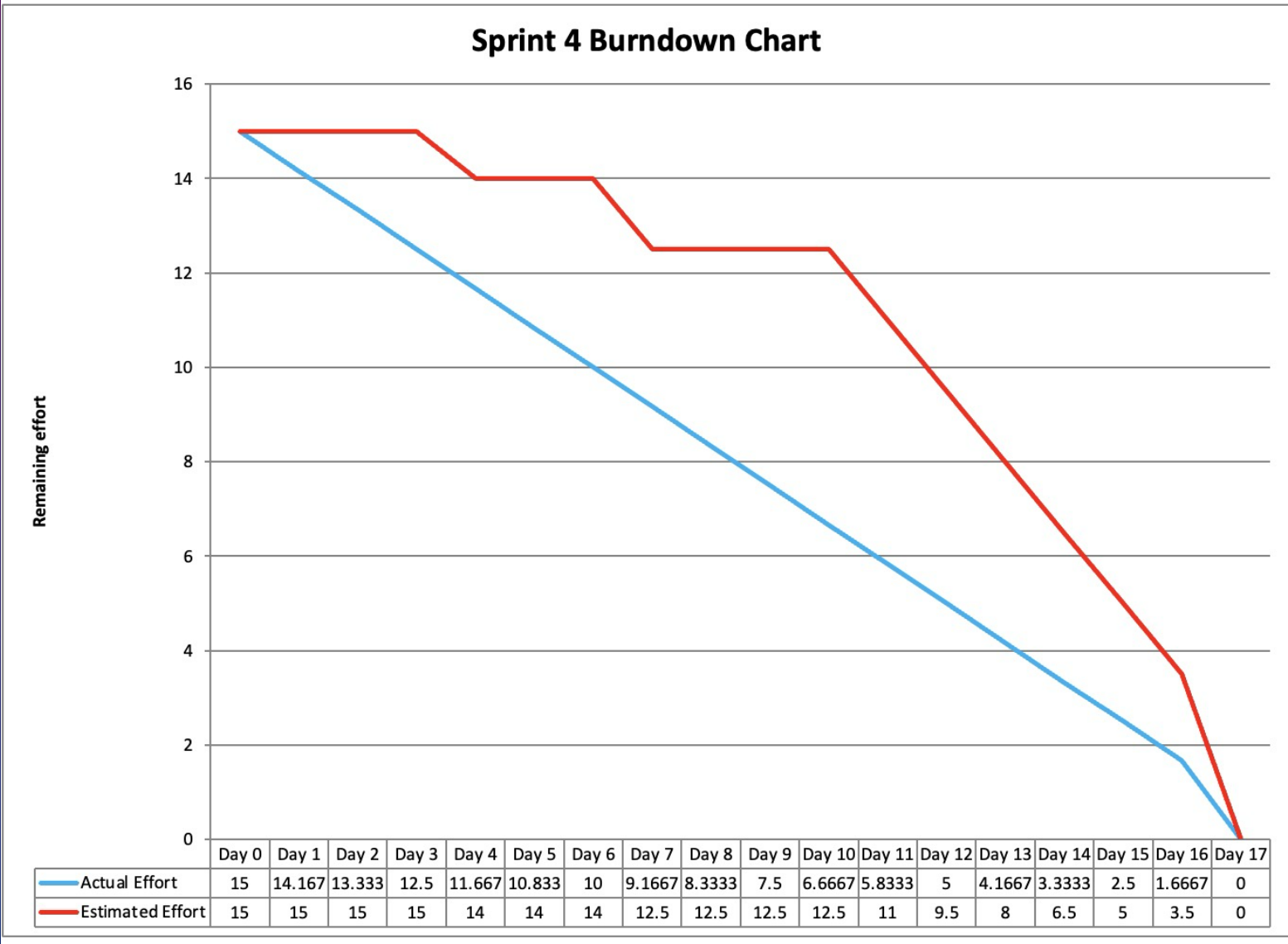
SPRINT BACKLOG FOR STABILIZE THE SYSTEM

Backlog Item	Estimate (hours)	Actual (hours)
Fixing errors caused by the linear rail	4	4
Adding constraints to the linear rail	2	4
Taping wires connected to the jumper bar connector, CNUSR11	2	4

SPRINT BACKLOG FOR FUTURE ITEMS

Backlog Item	Estimate (hours)	Actual (hours)
Simulating moving boxes	5	1
Gripper	1	1
QR code and QR scanner	1	1

SPRINT BURN DOWN CHART





DEMO

File Edit View Help

Add Robot: 1:RV-8CRL-D
 Edit Get Current Pos.
 Delete Pos. Jump
 Copy Paste
 Undo Redo
 Find Replace
 Find in Files Find/Replace
 Set Previous Next
 Delete Delete All
 All Partially
 Transmission
 Comment Uncomment Remove All
 Arrange All Comment

Program 1: test2 HLr (Online) [...]

Program 1: test2 HLr (Online) [MELFA-BASIC V1]

```

1 Mov jo1
2 Mov jo2
3 Mov jo1
4 Mov jo3
5 Mov jo4
6 Mov jo3
7 Mov jo5
8 Mov jo6
9 Mov jo5
  
```

Add

Edit

Delete

Robot: 1:RV-8CRL-D

Get Current Pos.

Pos. Jump

Name	J1	J2	J3	J4	J5	J6	J7
jo1	36.660	9.000	82.500	12.000	31.300	0.000	1865.490
jo2	36.660	9.000	17.730	12.000	31.300	0.000	1865.490
jo3	0.630	8.330	80.010	12.000	31.300	0.000	1613.240
jo4	0.630	8.330	17.480	12.000	31.300	0.000	1374.540
jo5	-35.080	8.330	89.740	12.000	31.300	0.000	1374.540
jo6	-35.080	8.330	16.020	12.000	31.300	0.000	1374.540

XYZ Alt+X

Joint Alt+J

Work Coordinate Alt+W

test2 Robot Controller

Status: **Waiting**
 Program: **HL** Select
 Line #: **00001** Jump
 Override: **1.00**
 Operation Panel:
 SVD ON SVD OFF START STOP RESET END
 Monitor: 3D Error Program
 Step: BACKWD FORWD COHT
 D-EXEC HAND JOG Drive Speed: Normal Low
 Hand Allen Home Position
 Robot: 1:RV-8CRL-D
 Joint: Off
 TOOL0: WORK1
 J1: 36.660
 J2: 9.000
 J3: 82.500
 J4: 12.000
 J5: 31.300
 J6: 0.000
 J7: 1865.470

Interference Check

Model Type

Click Move

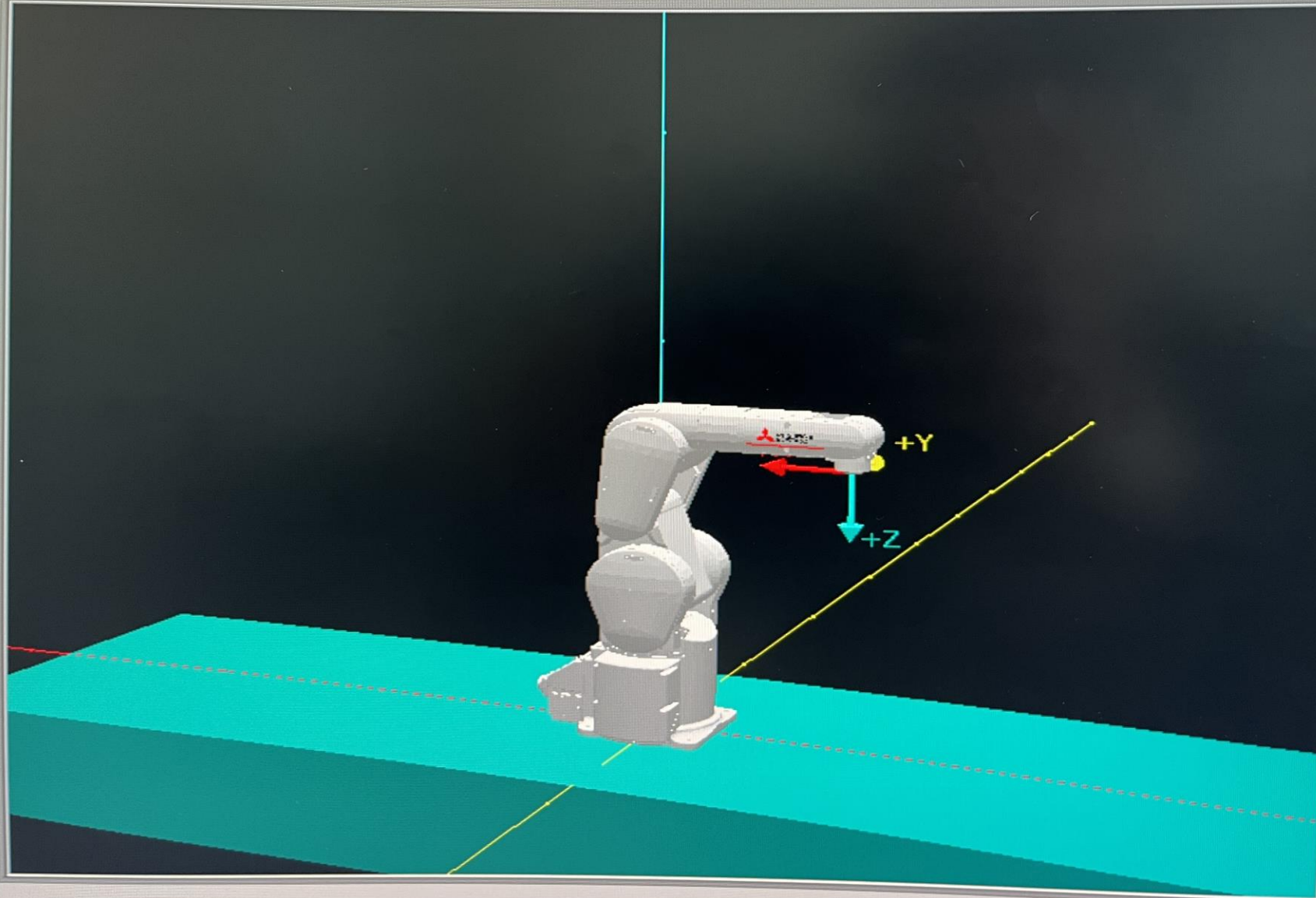
Rec.

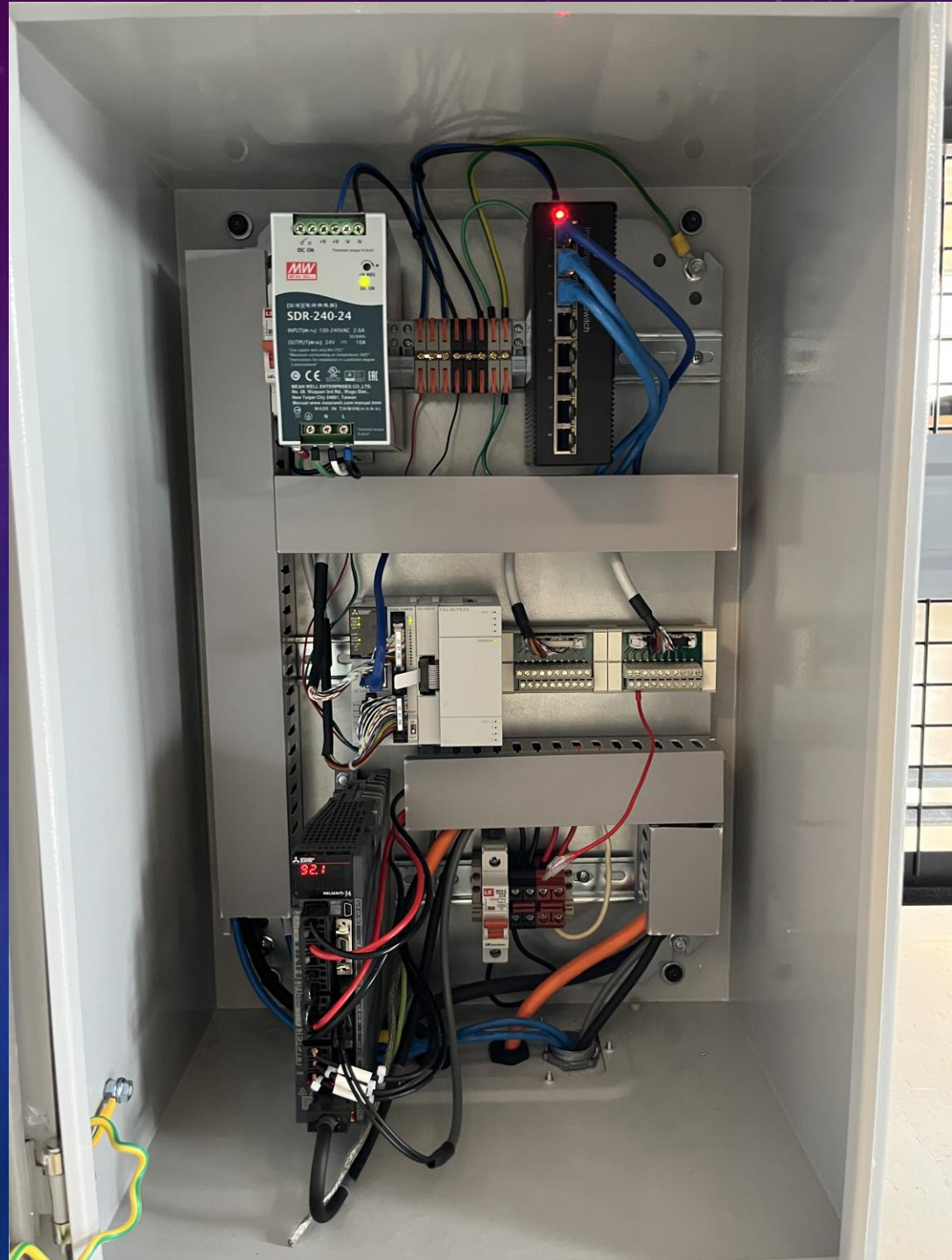
View Angle

Projection

Zoom

3D Monitor





QUESTIONS?

