1. Chassis – Dustin, Josh – February 14

Tank drive

Drive

Read encoders

Degree of turn

Turning

Read encoders

Degree of turn

1. Controls / I/O – Ethan, John, Garrett – basic init by Saturday at 10

Joystick left + Right

Axis 1

Xbox controller

Triggers

Right – up container lift

Left – down container lift

Bumper

Right - up tote lift  
 Left – down tote lift

Buttons

X – down tote

Y – Carry height tote

A – Greenswitch on command

B – Redswitch on command

R3 – grab

R4 – open (release)

1. Totes – John, Garrett – Tuesday end of day

Engage tote

Full lift

Carry

1. Containers – Josh, Ethan – end of this saturday

Grab

Release

Lift

Lower

1. Diagnostics – Josh, Dustin – bag day

CAN bus

Device

Self-test

Power Usage

Smart dashboard

Motor controllers

Variable movement

Camera (Bandwidth management)