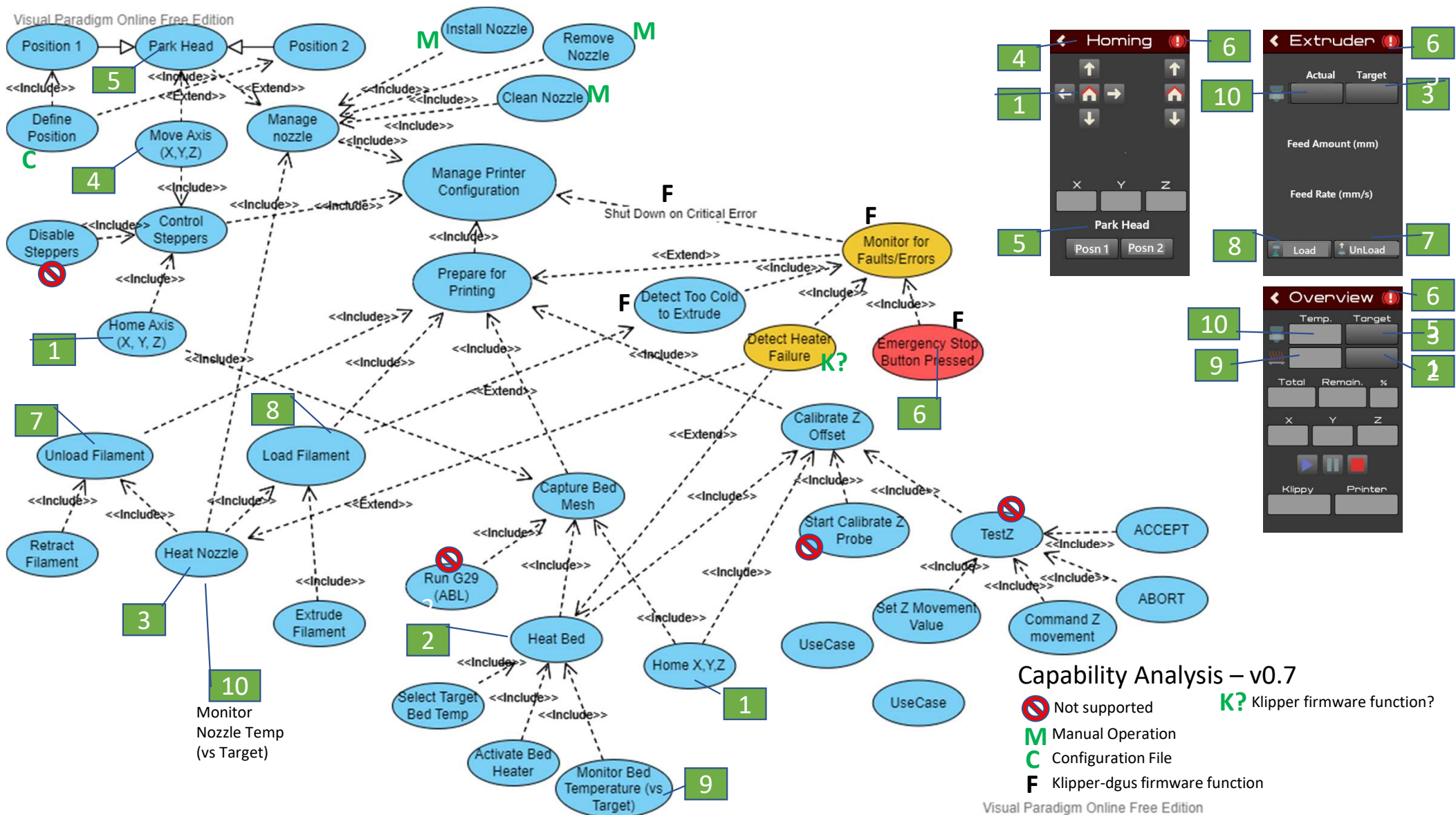


# Use-Case-Based UI Design

Klipper-DGUS\_CR6

Thinkersbluff



## Capability Analysis – v0.7

- ⊘ Not supported
- M Manual Operation
- C Configuration File
- K? Klipper firmware function?
- F Klipper-dgus firmware function

# Proposed Klipper-dgus changes, based on Capability Analysis

Capability	Issue(s)	Option(s)
Disable Motors	No control provided	<ul style="list-style-type: none"><li>• Add button to Homing Page – Send Klipper GCODE M84 XYZ</li><li>• Optionally, allow a selective disabling</li></ul>
Pre-Define Temperature settings (PLA, PETG, etc.)	No control provided	<ul style="list-style-type: none"><li>• Add a “Configure PreSets” menu</li><li>• Add Control(s) to set target values based on preset values stored in DWIN memory</li></ul>
Define Posn1, Posn2	Currently only available by editing macro config file	<ul style="list-style-type: none"><li>• Add ability to override the X, Y, Z values on a new Configure PreSets menu</li></ul>
Calibrate Z Offset	No controls provided for using the Klipper Probe Calibrate functionality.	<ul style="list-style-type: none"><li>• Add a new Calibrate menu or include in proposed Configure PreSets menu</li><li>• Add buttons to issue the Klipper commands Activate Probe Calibrate and TestZ, Accept, Abort, &amp; TestZ Amount.</li></ul>

# Proposed Klipper-dgus changes, based on Capability Analysis

Capability	Issue(s)	Option(s)
MACROS	No option for running user-defined macro functions	<ul style="list-style-type: none"><li>• Enumerate available macros and enable user to run them from a new Macros screen</li><li>• Maybe able to exploit a Klipper object?</li><li>• Would allow user to extend some capabilities without Python or DGUSTool skills, like RUN ABL</li></ul>
Console	No support for Console display or input	<ul style="list-style-type: none"><li>• May be able to display a “Read-Only” console from a Klipper object?</li><li>• Imagine rather complex to support inputs?</li></ul>