

Automated Wet Wipe Sampling System

Team 23
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Meet the Team



Umar Siddiqui
usiddi5@uic.edu



Sulieman Sarmad
msarma2@uic.edu



Mikhail Clayton
mclayt6@uic.edu



Amer Khalil
akhali31@uic.edu



Sebastian Mihulet
smihul2@uic.edu

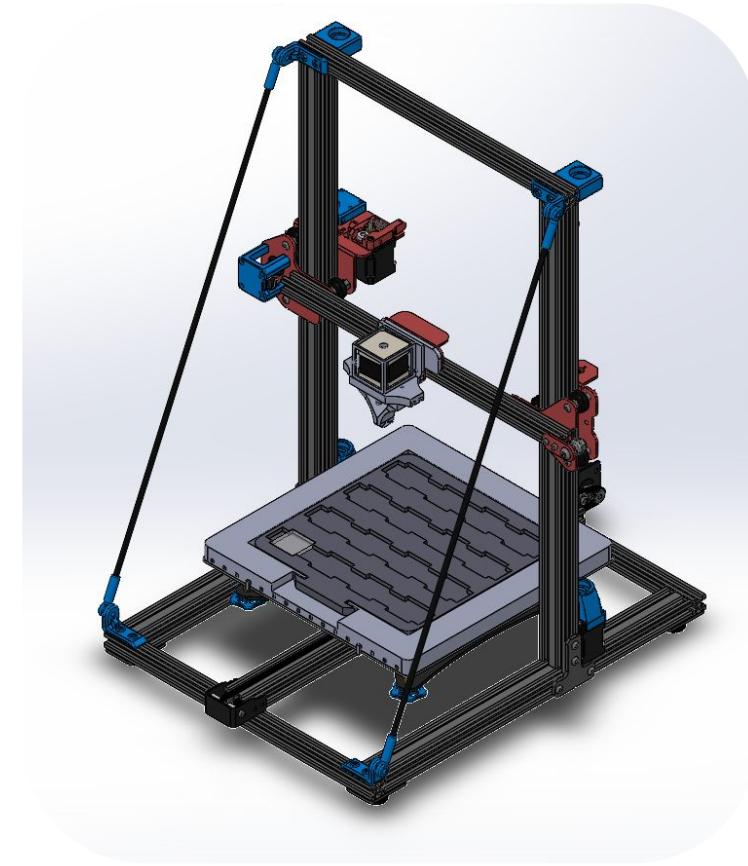
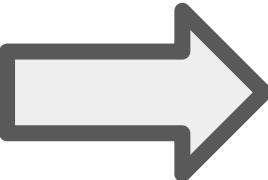
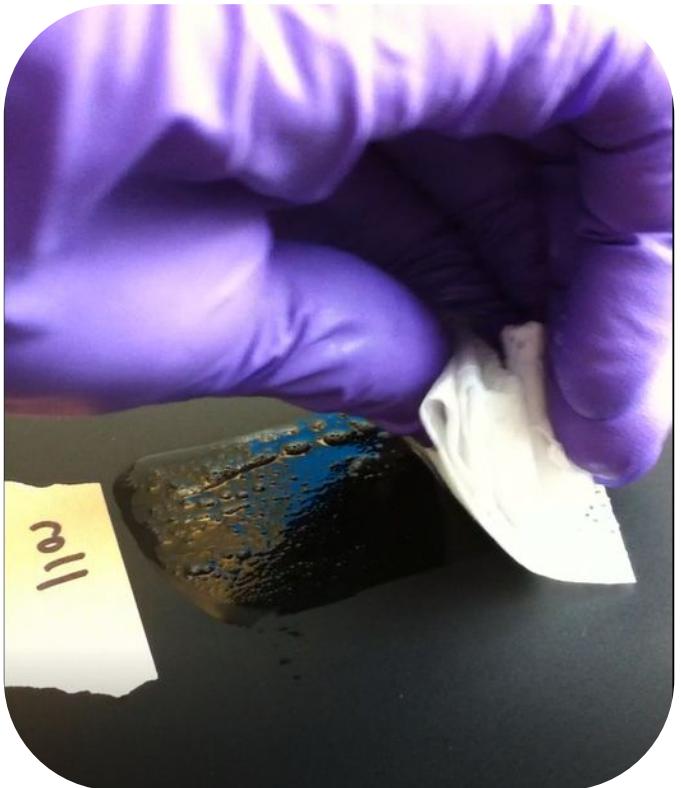


Introduction

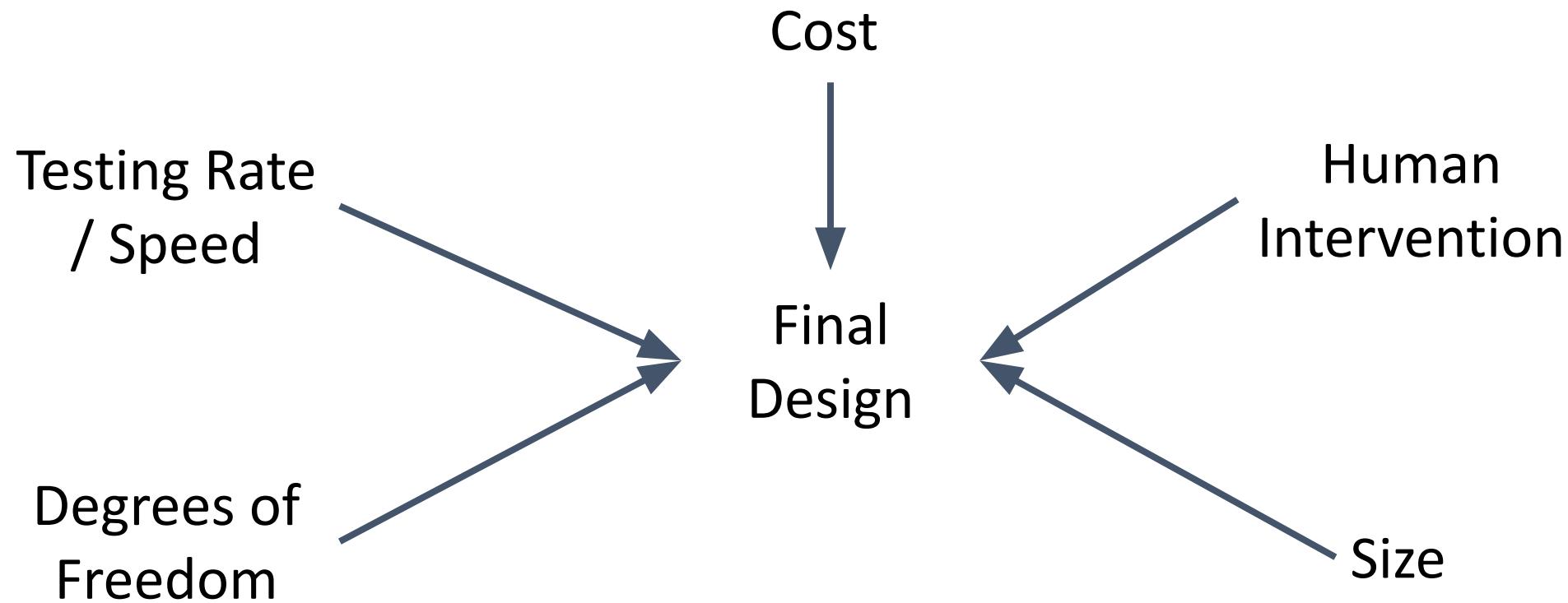
Sponsor Background



Problem Statement

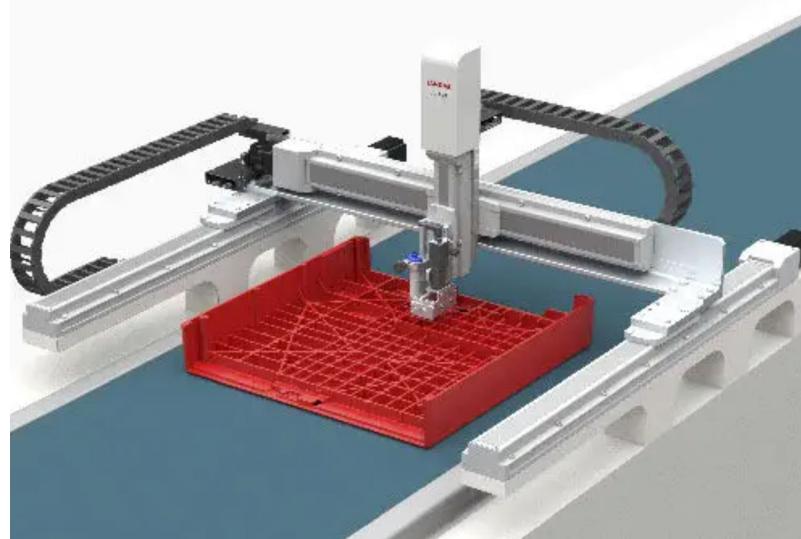


Design Metrics

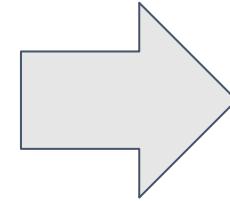
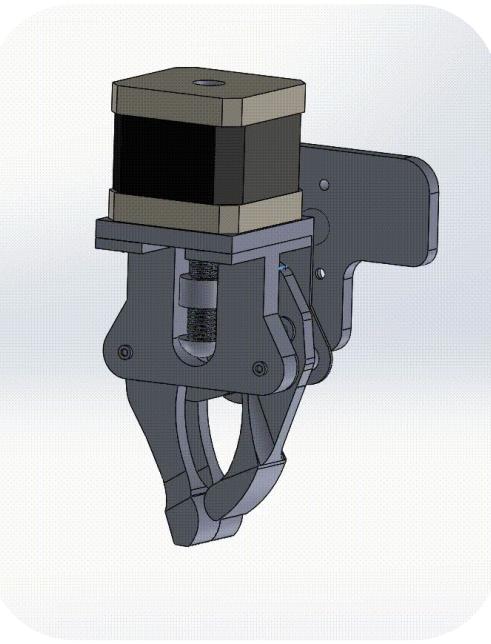
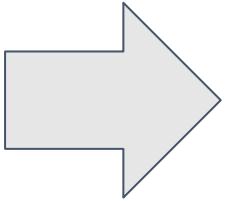
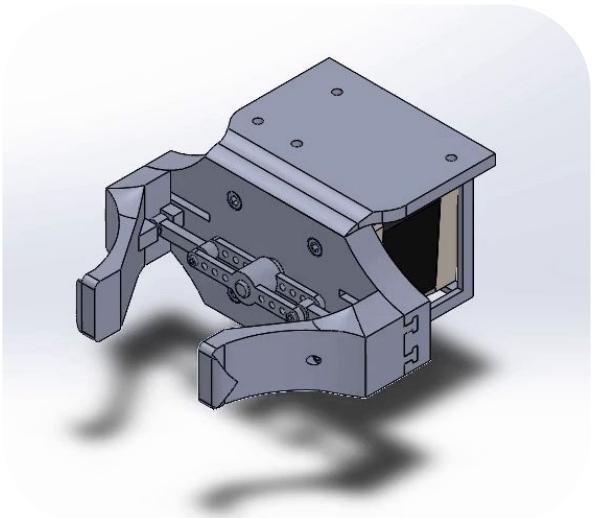


Design Process

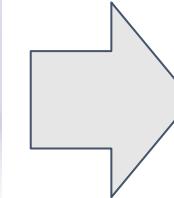
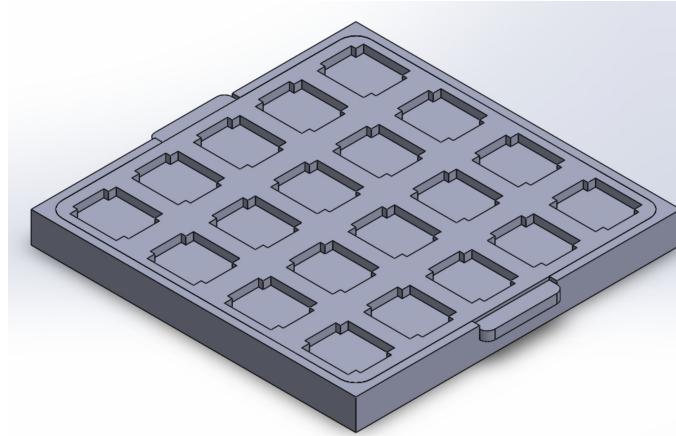
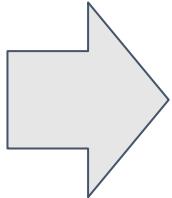
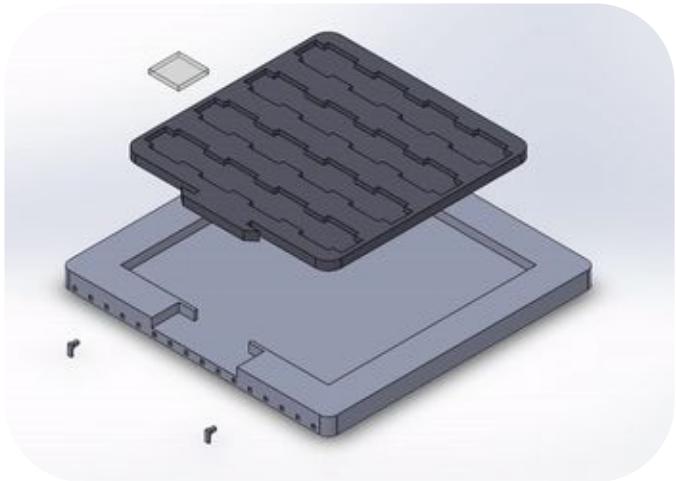
Environment



Gripper

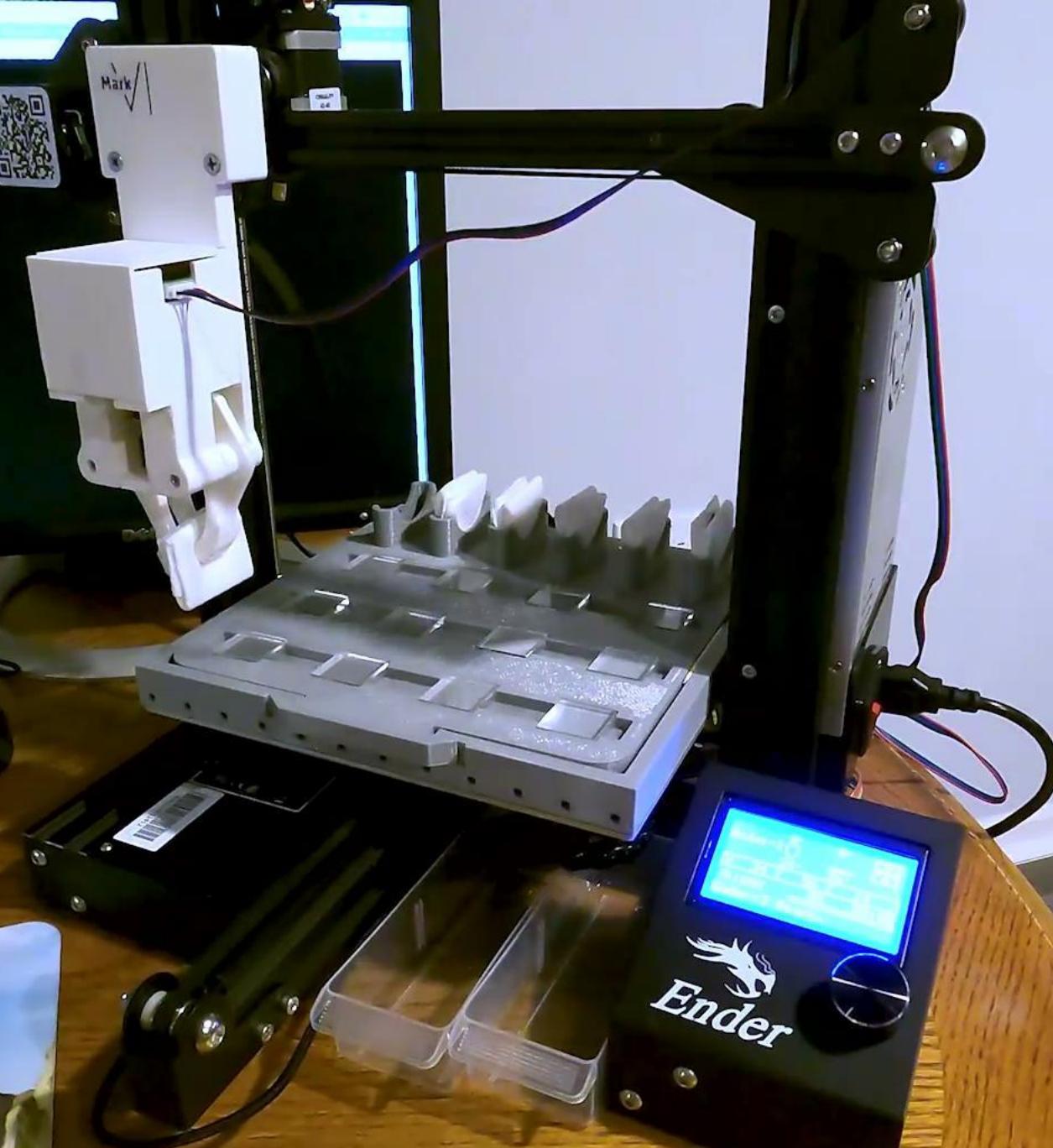


Tray



Demo

```
pi@raspberrypi:~/Desktop/codes-scripts $ ./longs  
USB Port: /dev/ttyUSB0  
Gcode File: RepRapS1.gcode  
Opening Serial Port  
Opening gcode file  
Sending gcode  
Sending: G90 G21  
1 ok  
Sending: G0 X40 Y210  
1 ok  
USB Port: /dev/ttyUSB0  
Gcode File: RepRapS1.gcode  
Opening Serial Port  
Opening gcode file  
Sending gcode  
Sending: G91 G21  
1 ok  
Sending: G0 Z-22  
1 ok  
USB Port: /dev/ttyUSB0  
Gcode File: RepRapS1.gcode  
Opening Serial Port  
Opening gcode file  
Sending gcode  
Sending: G90 G21  
1 ok  
Sending: G0 X34 Y58  
1 ok  
USB Port: /dev/ttyUSB0  
Gcode File: RepRapS1.gcode  
Opening Serial Port  
Opening gcode file  
Sending gcode  
Sending: G91 G21  
1 ok  
Sending: G0 Z-22  
1 ok
```



Thank you!