

SHTRR

TP Sensor

- Order Initial Parts
- Prototype Load Sensor
- Prototype Rotation Sensor
- Integrate RF
- Design PCB
- Final Verification
- Spring Break

RFID Control Module

- Order Initial Parts
- Raspberry Pi/Mercury API Setup
- RF Dev
- Data Upload
- Final Verification
- Spring Break

Flush Valve

- Order Initial Parts
- PCB Design
- Integrate RF
- Final Verification

Door Latch

- Order Initial Parts
- Initial Prototype
- PCB Design
- Integrate RF
- Final Verification
- Spring Break

SHTRR Companion App

- Initial App Setup
- Firestore Configuration
- App Frontend
- Integrate real-time database reads
- Final Verification
- Spring Break

Milestones

- Mid Semester Demo
- Final Demo

