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| **PUSH START BUTTON (HOME)** | **BARCODE SCANNER** | **ESP32** |
| **RELAY**  **(BARCODE SCANNER)** | **WIRE FOR IR SENSOR** | **ON/OFF SWITHCH** |
| **X POSITION STEPPER MOTOR** | **X POSITION LIMIT SWITCH** | **ADAPTER**  **12V** |
| **Y POSITION STEPPER MOTOR** | **Y POSITION LIMIT SWITCH** | **RELAY (PILOT LAMP)** |
| **Z POSITION STEPPER MOTOR** | **Z POSITION LIMIT SWITCH** | **PILOT LAMP**  **(IR SENSOR)** |
| **WIRE FOR Y** | **X POSITION** | **CONTROL BOX** |
| **WIRE FOR Z** | **Y POSITION** |  |
| **WIRE FOR BARCODE SCANNER** | **Z POSITION** | **WIRE FOR X** |

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| **CHONG KHENG CHEN**  **03DET22F1043** |

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| **SMART SHOE RACK** |