

Automatic Washing Machine.

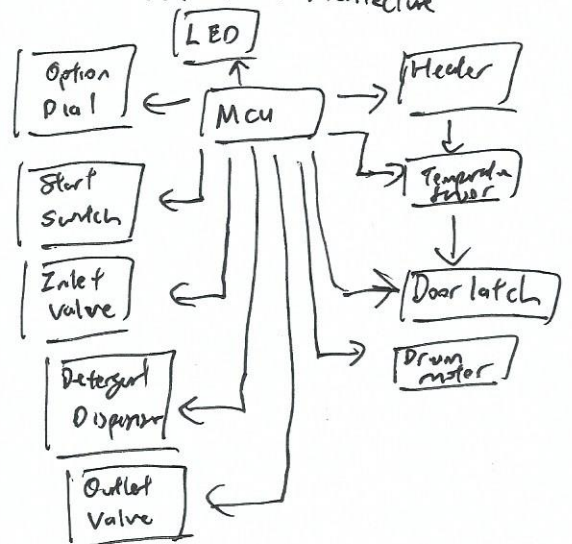
Requirements

- wash clothes
- dry clothes

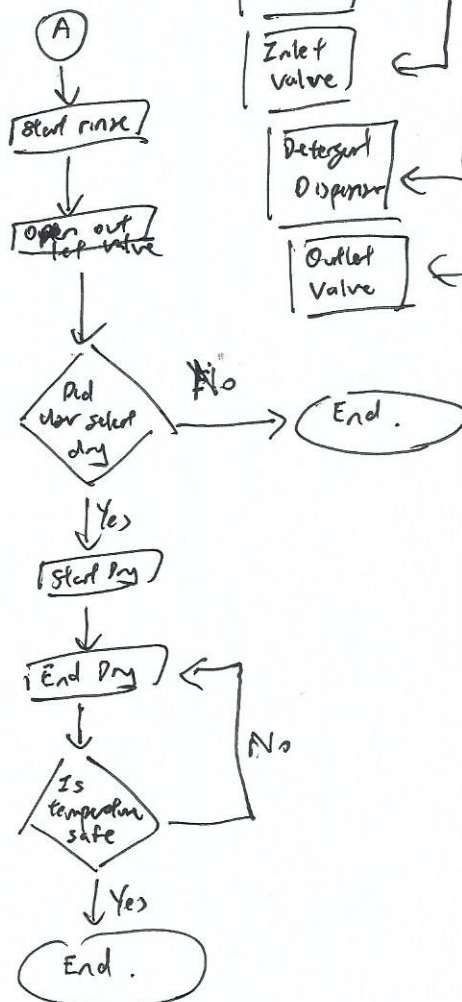
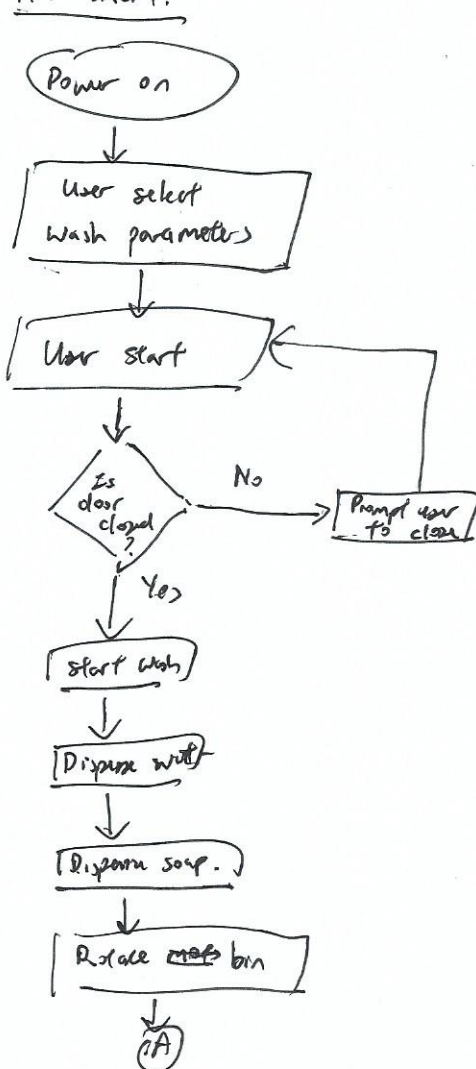
Specification

- different type of programs for user to select from for different fabrics, clothes, dry cycle.
- dispense detergent, conditioner, and heat.
- safety precautions → temperature sensor, load sensor, door sensor.
- interaction with user.
- able to remove detergent and water after wash.

Hardware Architecture



Flow chart.



Digital Camera Hardware Architecture.

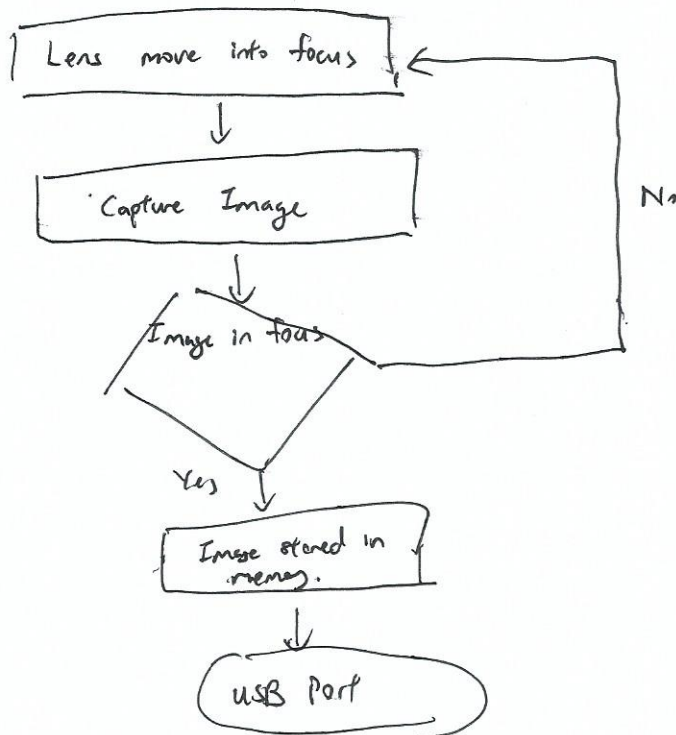
Requirements

- capture image clearly
- store it in a separate storage.
- able to interface with printer

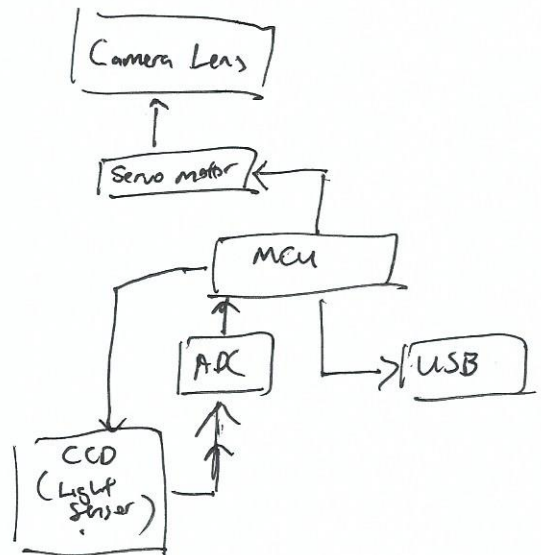
Specifications

- able to move lens to focus light onto the sensor
- able to convert light energy into a digital signal.
- able to interface with external memory
- able to interface with computer to output to printer

Flowchart.



Hardware Architecture.



ATM

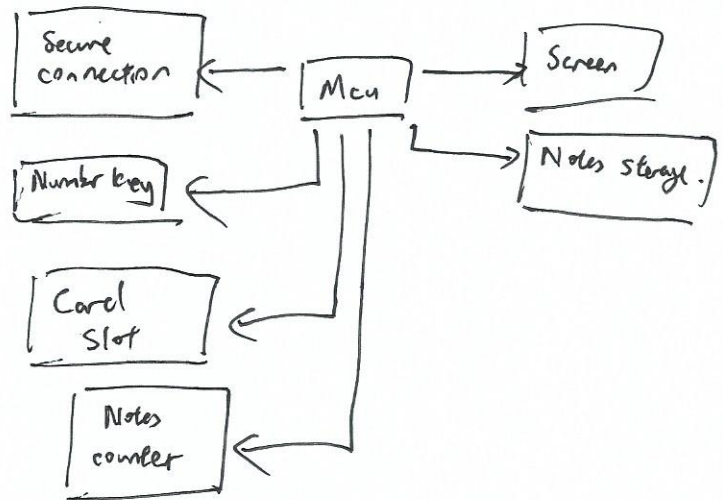
Requirements

- Withdrawal
- Deposits
- Transfers
- Identity verification

Specifications

- Need to accept card.
- Need to verify pin number
- Need to be able to accept and count notes
- Need to connect securely to bank server.

Hardware Architecture.



Flow chart.

