

Smart Multi-Material Resource Bin

Project deliverable to a Medical Device Manufacturing MSME (Orthotic Footwear manufacturer)

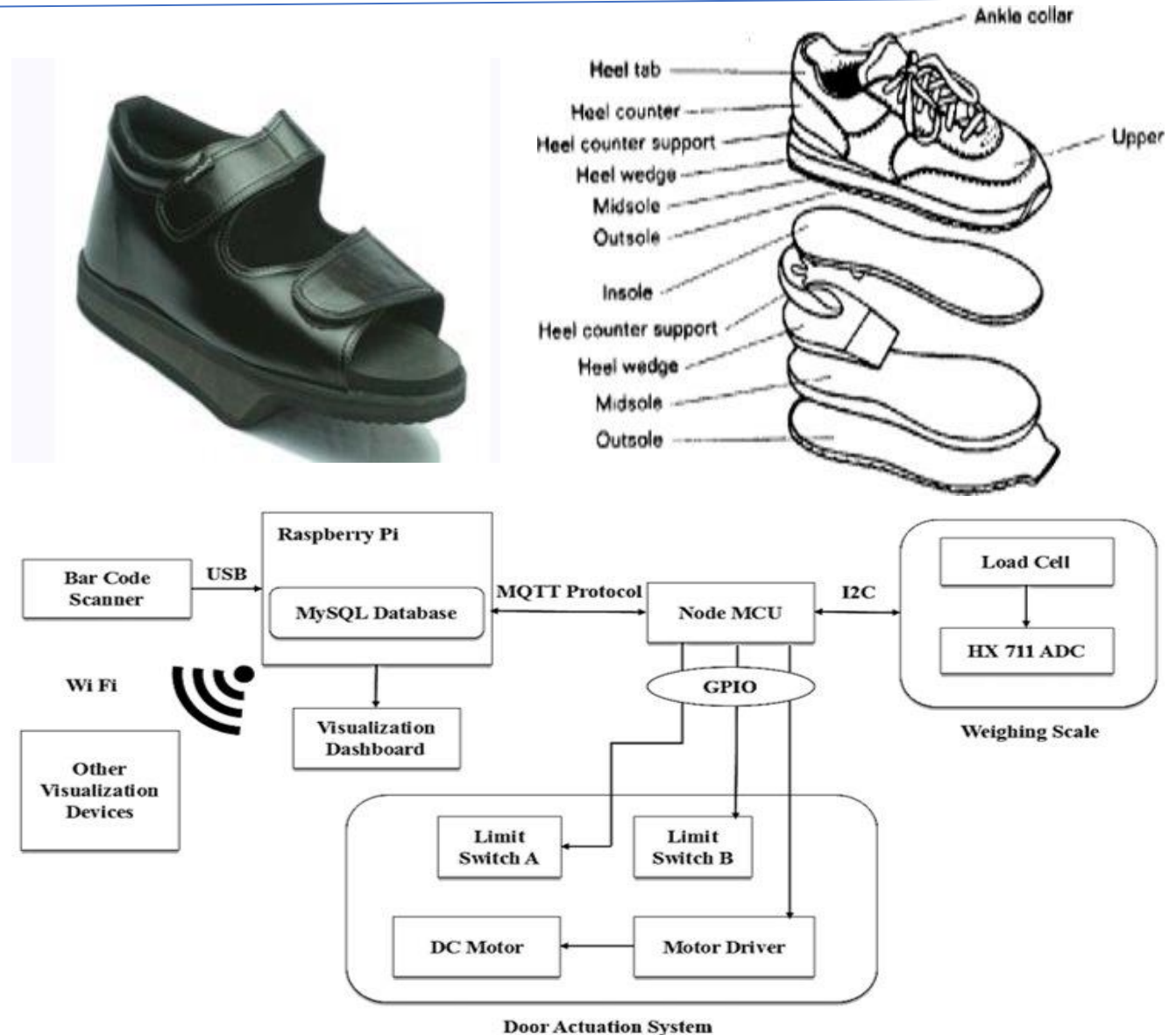
Orthotic footwears are cut in different size and shape using different materials

No quantification of wastage/ scrap and account of raw material consumed

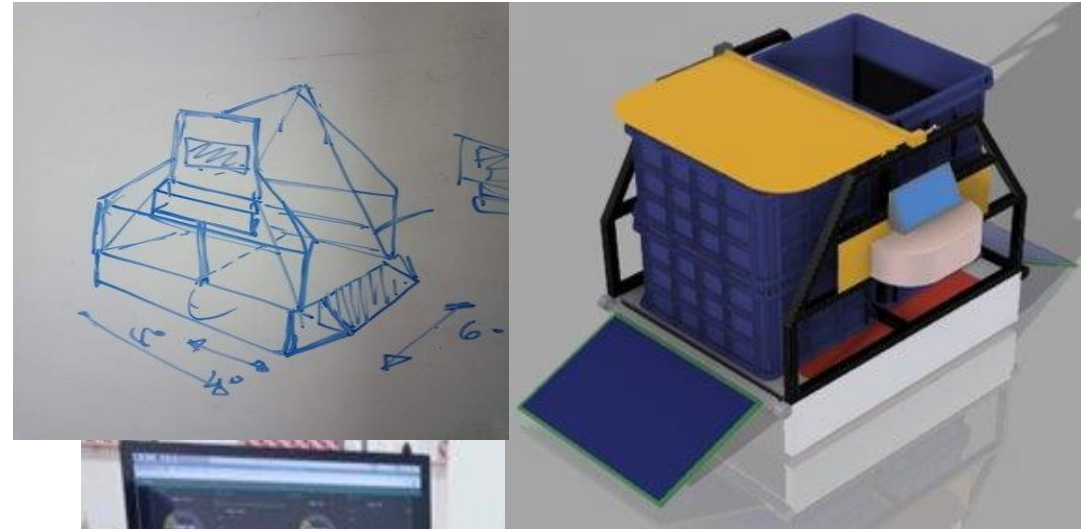
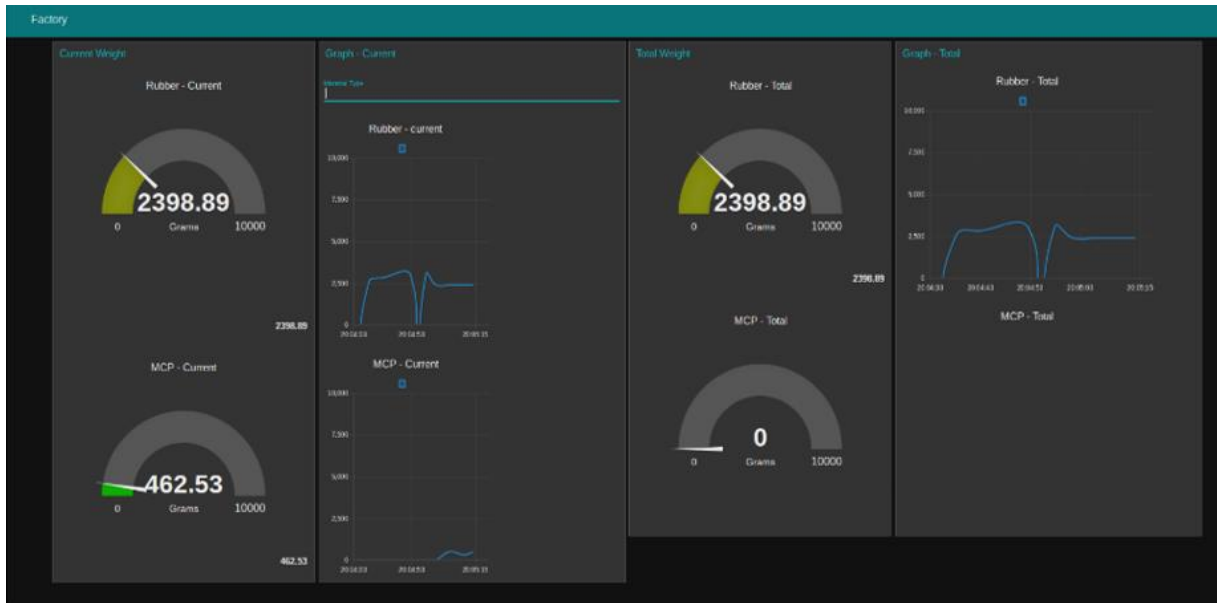
Affordable solution for quantifying scrap and segregation using simple door mechanism

IoT enabled Material Tracking using Barcode identification

Cloud database for remote data retrieval and analysis



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Customized visualization of wastage generation of different materials.

The historical data collected thus is then available for data analytics on productivity data.

Should provide further insights supporting the reduction of waste and cost and improvement in productivity and sustainability.