

ROBOTICS USING NIRYO NED2

Team

- Shal Ritvik Sinha (PES1UG20CS717)
- Hemanth S Reddy (PES1UG21CS230)
- Suhas P Shroff (PES1UG21CS634)
- Peddineni Bavitha (PES1UG21CS410)

PharmaSort

Automating Medicine Sorting with PharmaSort

ABSTRACT

PharmaSort is an innovative autonomous robot designed to categorize medicines based on shape into their respective groups, streamlining the supply chain and enhancing the overall distribution process.

The autonomous nature of PharmaSort ensures minimal human intervention, reducing human errors and increasing productivity. The robot's integration with a conveyor system enables continuous sorting, improving operational efficiency and contributing to a seamless pharmaceutical workflow.

PharmaSort's implementation promises substantial benefits to the pharmaceutical industry, such as enhanced productivity, reduced operational costs, and improved accuracy in medicine distribution.

Github repo: https://github.com/Shalritvik/Niryo2-Meds_Sorting