



# Welcome to our Graduation Project Discussion

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# What is Glovix ?

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- Automated & contactless system
- Hand sanitizing
- Hand drying
- Automatic glove wearing

# Importance of Gloves

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- Prevent contamination
- Reduce direct contact
- Protect people and tools
- Used in many environments



# Problems with Gloves

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- Takes time to wear
- Contamination by touch
- Gloves stick or tear
- Needs assistance sometimes



# Who Can Use GloviX

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- Hospitals
- Clinics
- Laboratories
- Pharmacies
- Food & industrial places



# System Overview

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- Two boxes
- Box 1: Sanitization
- Box 2: Gloving
- Arduino control



# Methodology

## Box 1

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- Ultrasonic sensor
- Alcohol spray
- Hand drying
- LCD messages



# Methodology

## Box 2

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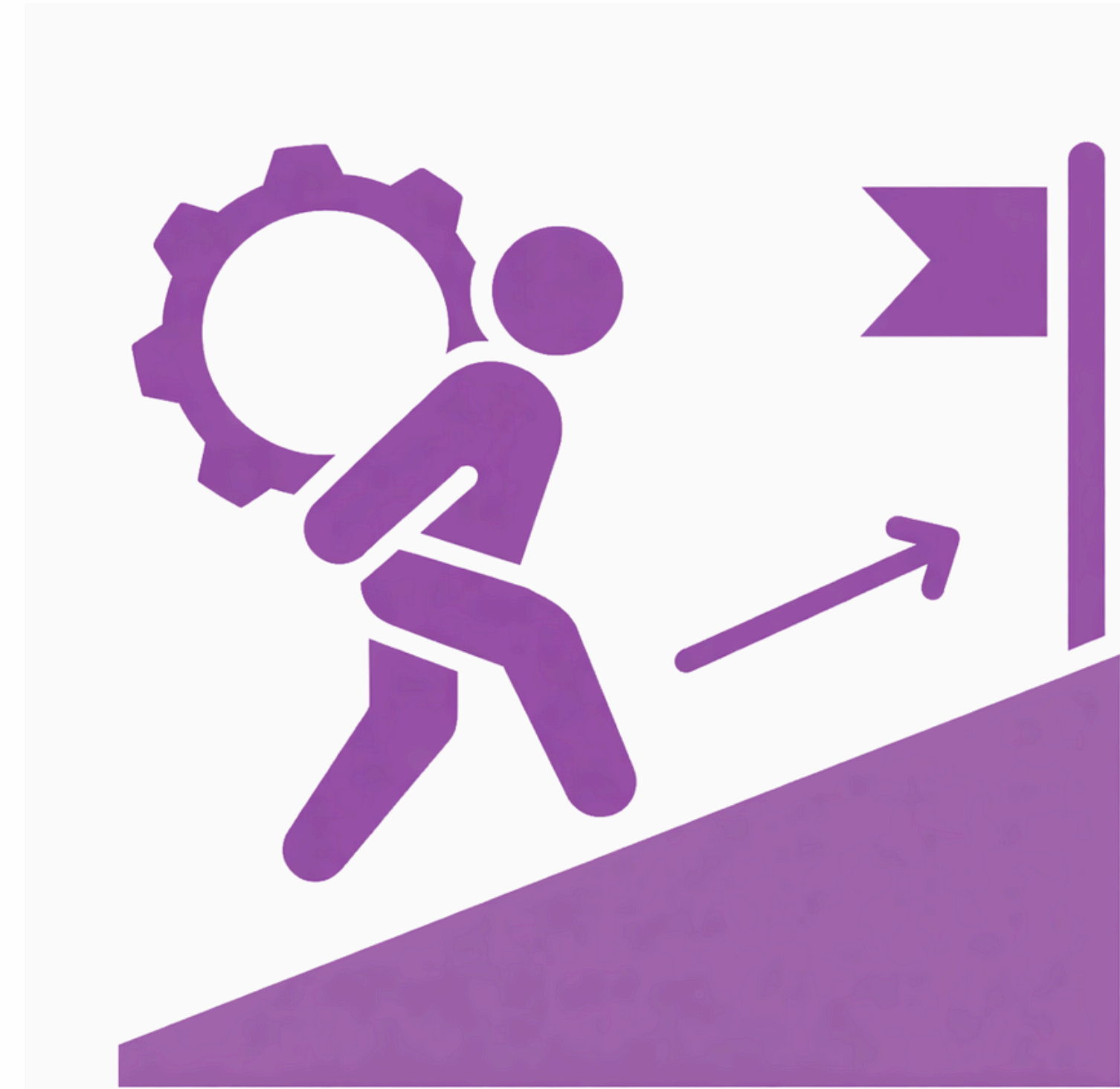
- Automatic glove pickup
- Shutter opening
- Vacuum & air system
- Glove inflation
- Contactless wearing



# Challenges

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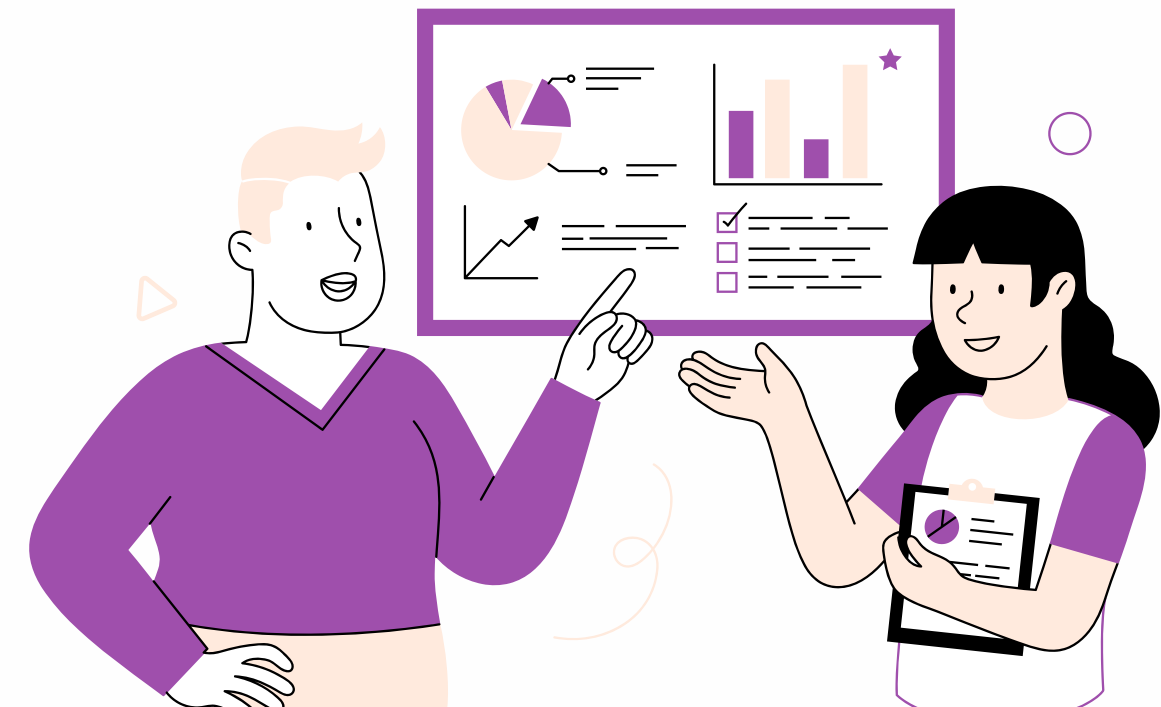
- Mechanical design
- Material limitations
- Cost
- Noise & hardware issues



# Recommendations for System Improvement

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- Stronger materials
- Reduce noise
- Better design & portability



# Future Work

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- Different glove sizes
- Both hands operation
- Real environment testing
- PPE expansion



# Thank You !!



Do you have any  
questions ?