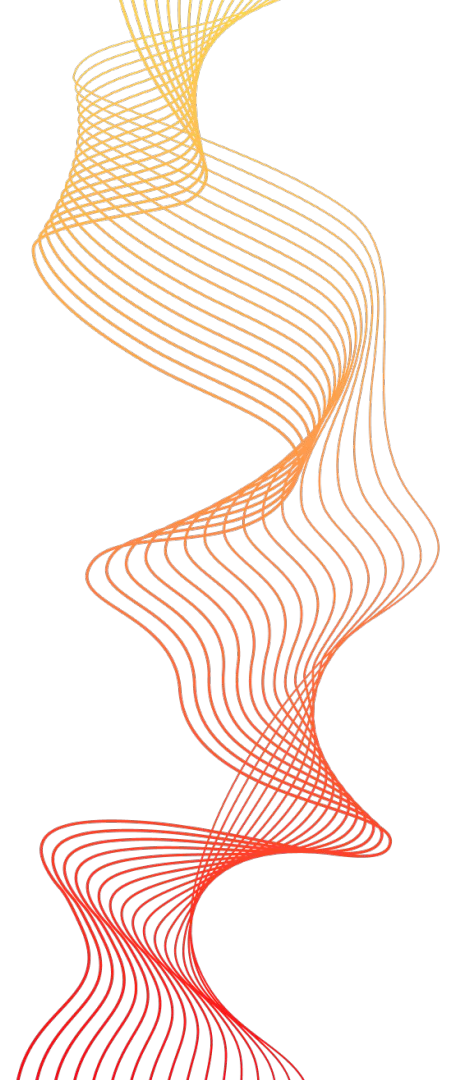


 **NURSEi** 



Contents:

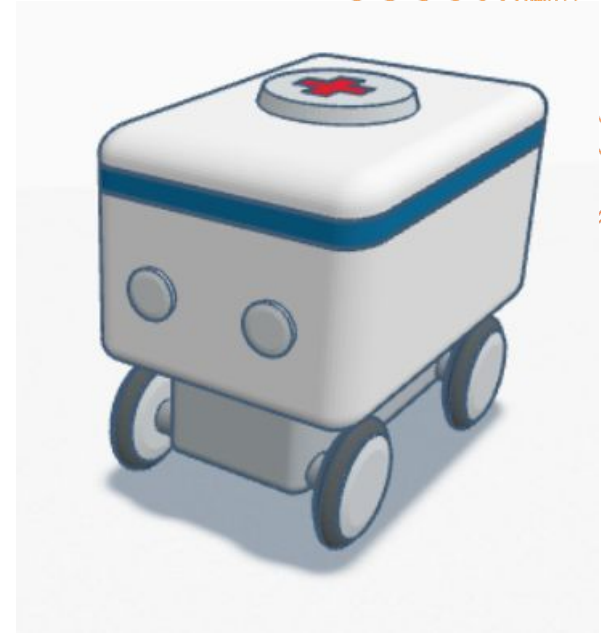
1. Introduction
2. Team Members
3. The purpose of our robot
4. Design
5. Code





The Nurse Robot - A Revolutionary Solution for Hospital Care

A **nurse robot** designed to help patients and medical staff alike, **providing quick** and **efficient assistance** in a hospital setting.





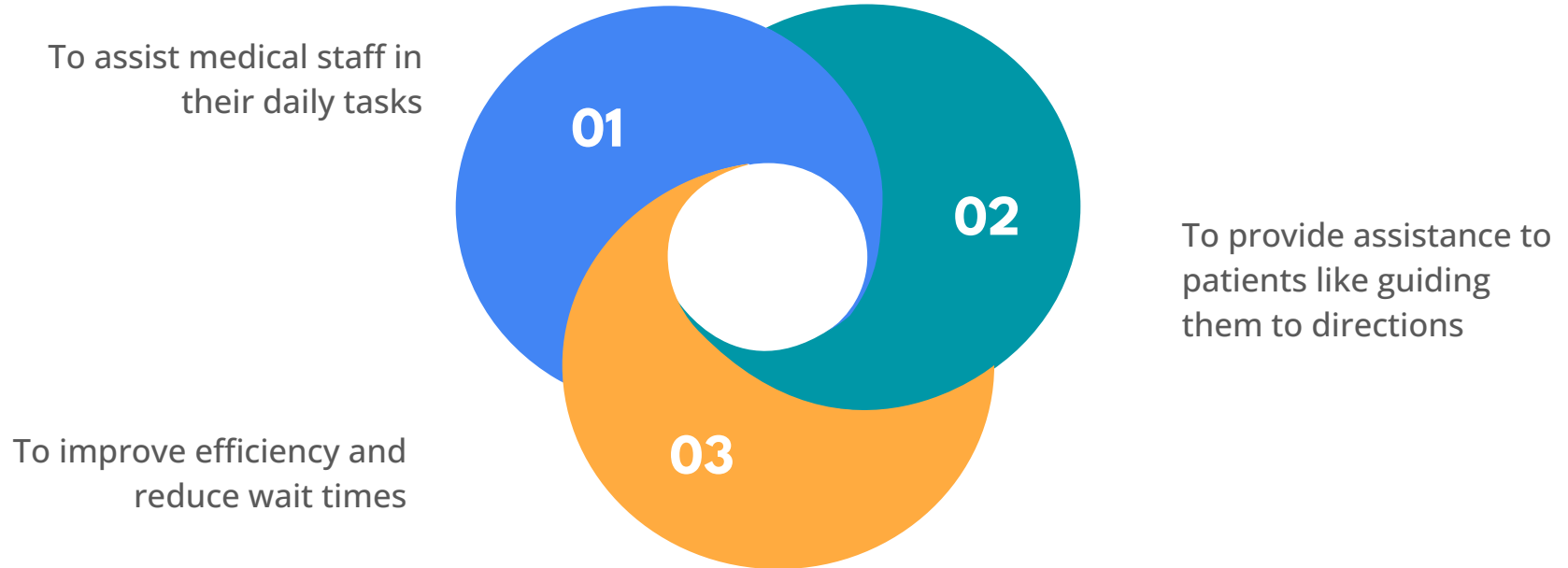
The Team 5

Members:

- Maya Botagoz 12220266
- Diyora Bobokulova 1221473
- Ulugbek Mirzabakhromov 12194914
- Ulan Temirlan 12204575
- Asadbek Khalilov 12194882

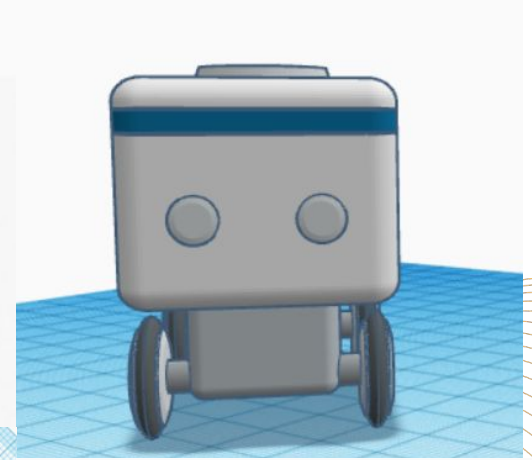


Purpose of NURSEi

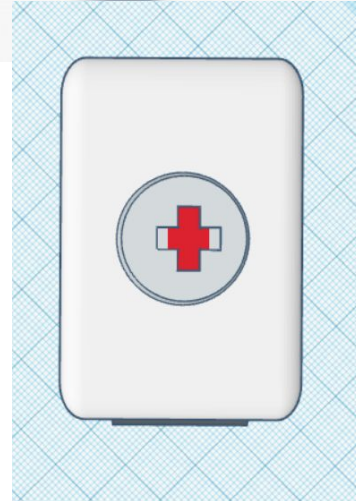


Design of NURSEi

01 Very comfortable to move



02 Sleek and modern design



03 Advanced sensors and cameras for navigation



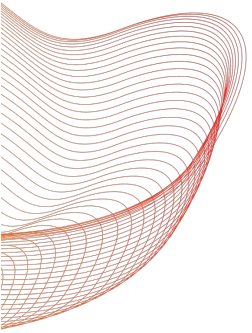


Code and Programming

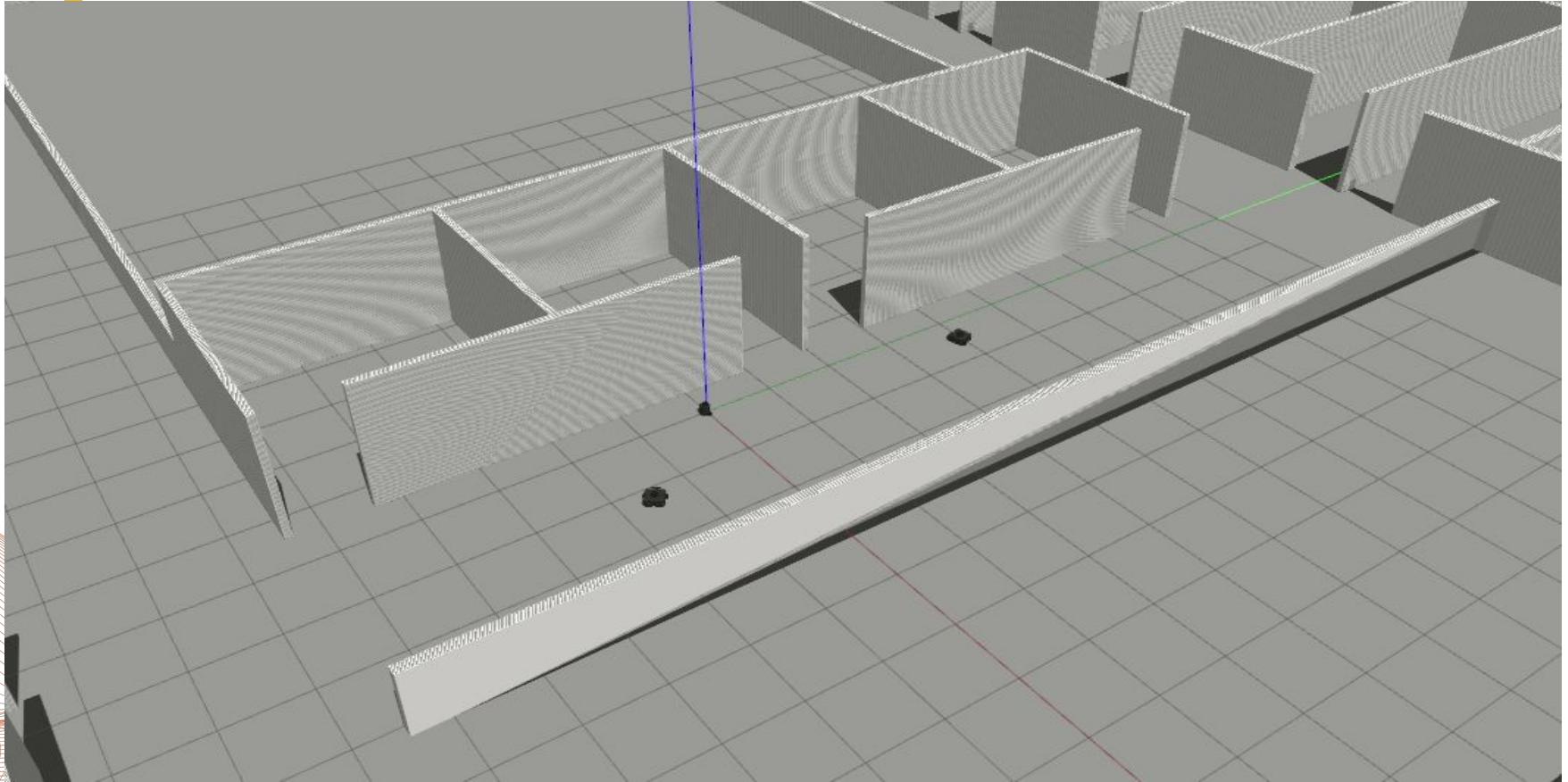
Advanced AI programming for natural language processing and recognition

Advanced algorithms for pathfinding and navigation

Integration with hospital software for quick and efficient information retrieval



VIRTUAL 3D-MODELING





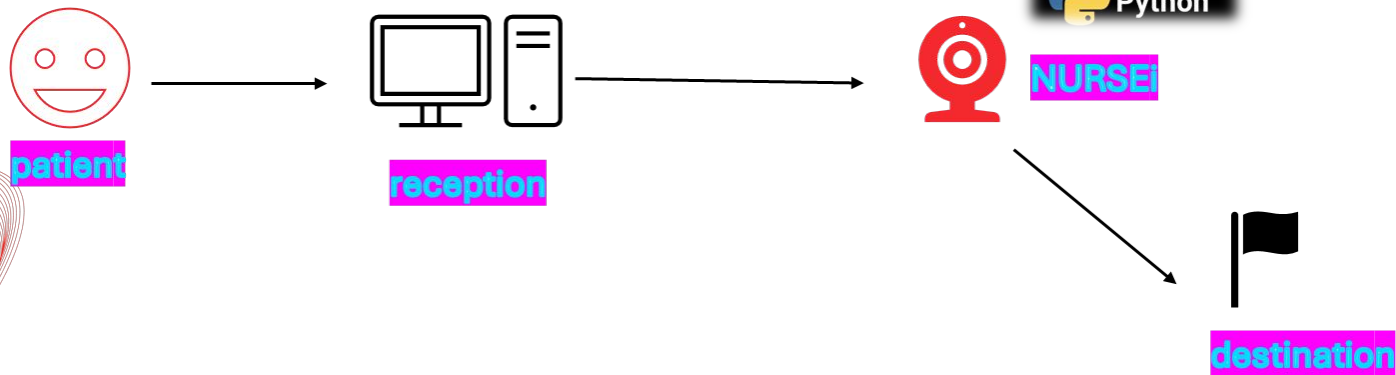
Navigation

```
from nav2_msgs.action import NavigateToPose

points = {
    'Start Point': [[ 0.0, 0.0], [0.0, 0.0, 0.0, 0.99]],
    '1': [[ 1.74, -1.97], [0.0, 0.0, 0.99, -0.10]],
    '2': [[ 1.74, -4.53], [0.0, 0.0, 0.99, -0.10]],
    '3': [[ 2.99, -4.55], [0.0, 0.0, 0.65, -0.75]],
    '4': [[ 2.24, -3.48], [0.0, 0.0, 0.94, 0.99]],
    '5': [[ 3.01, -0.60], [0.0, 0.0, -0.61, 0.80]],
    '6': [[ 4.11, -2.97], [0.0, 0.0, -0.11, 0.99]],
    '7': [[ 4.08, -0.53], [0.0, 0.0, 0.11, 0.99]],
    '8': [[ 4.32, 1.56], [0.0, 0.0, 0.99, 0.11]],
    '9': [[ 2.32, 1.49], [0.0, 0.0, 0.99, 0.11]],
    '10': [[-1.71, -1.98], [0.0, 0.0, 0.12, -0.99]],
    '11': [[-2.21, -1.98], [0.0, 0.0, -0.99, -0.13]],
    '12': [[-1.71, -4.57], [0.0, 0.0, 0.12, -0.99]],
    '13': [[-2.21, -4.57], [0.0, 0.0, -0.99, -0.13]],
}
```



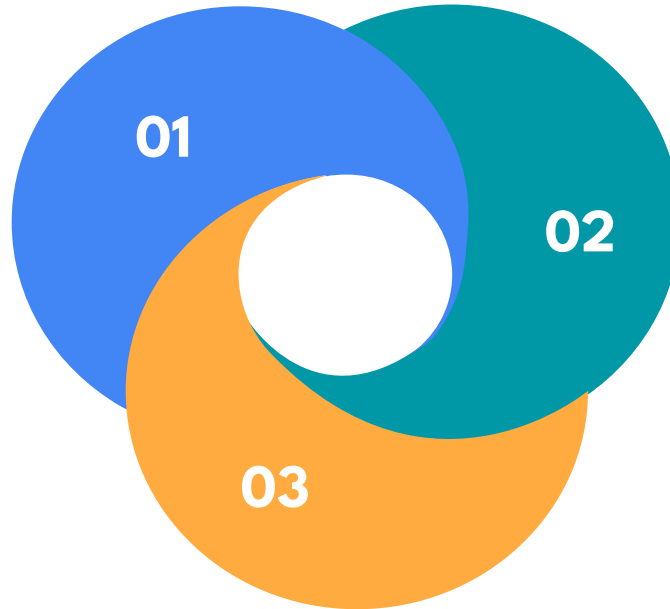
HOW DOES IT WORKS?



Benefits of NURSEi

Improved efficiency and
reduced wait times

Reduced workload for
medical staff



Better patient care and
satisfaction

Future of NURSEi

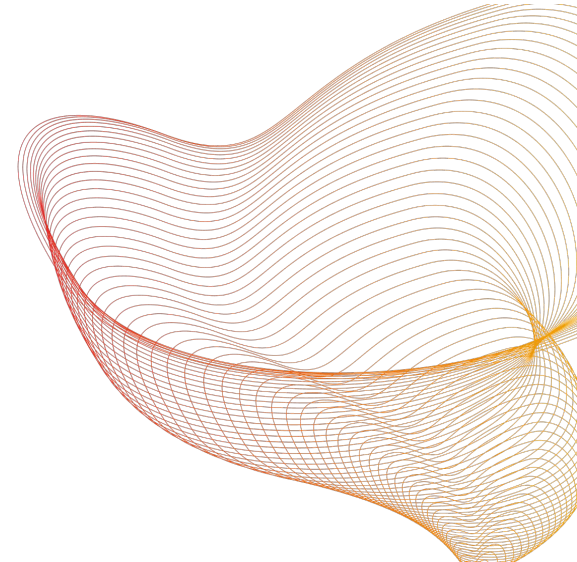
- 01 Expansion to other healthcare facilities
- 02 Integration with other hospital systems and devices
- 03 Continued development and improvement of features





Conclusion

- **NURSEi** is a revolutionary solution for hospital care, providing quick and efficient assistance to both patients and medical staff.





Thank you for your attention!