Hello, everyone, today we are going to introduce our project.

First, I want to give you an intuitive aspect to make you know it more clearly so that I will show you our GUI interface.

This is our world, and the perspective is from the top down.

We simulated a robot that could collect packages. Let's assume this robot comes from Amazon, and the — are scattered and placed in different locations. We hope that the robot can start at the start point, collect all the packages, and reach the end point.

The robot is the square. This long strip is the arm of the robot. There are two arms here, arm 1 and arm 2. The small yellow points here represent the packages, which we also call a SCORE.

Arm 1 can rotate on the robot base. The arm 2 is attached to the arm 1 and can also rotate on the arm 1.

We assume that the end of arm 2 is a hand.

when it comes in contact with a cargo, it will automatically collect it

The final goal of the robot is to reach the end and collect all the SCOREs.

Id like to hand this introduction over to the Gui,