Implementation of a maze-solving Robot

Firstly, I want to address the mechanism of the robot regardless of applicational areas, which is exploring and mapping its surrounding. Imagine this maze-solving robot is applied in a real-life situation, especially in sketching out areas unbeknownst to us, for instance abandoned areas post-war. There might be difficulties in distinguishing between wall and other issues such as a big stone, which can be compensated with an upgrade in the detection of size. Therefore, depending on the results, the robot could decide if the obstacle is a wall or small barriers that it can overcome. Having explained the feature of detecting blockage and mapping required areas, let’s talk about its possible contribution in the Medical field. More specifically, our robotic features can be equipped onto nanorobots before being released into the circulatory system. Subsequently, we could use these nanorobots to treat dyslipidaemia, a disease that results in abnormal amount of lipids in the blood. This is very promising considering nanorobots are capable of detecting the position and magnitude of lipid then collect critical data for the people involved. Experts can use the data to prescribe suitable medication for patients whose awareness hopefully, are raised about their conditions. Apart from that, Nano Surgery also shows future prospect as the surgical approach to curing dyslipidaemia diseases.