Abstract: Beaches across the globe are being polluted by human trash. The impact of beach pollution is an environmental hazard. If trash is continually removed from these beaches, it could result in a decreased threat to wildlife. While there are solutions to this problem, they mostly entail large machines that are not environmentally friendly and require a human operator. In its first year, this MQP aims to develop a robotic solution to clean these beaches effectively. As the project is in its first year, it will aim to develop building blocks for later MQP including the development of one small robot, a larger robot and some of the communication methods between them.

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