# *Abstract*

The goal of our project is to synchronize a given number of drones, which communicate through a UDP network, by using artificial intelligence that instructs them to move in a given closed path (e.g., a circle, triangle, etc.). This interface receives an image of a closed path as input and makes the drones move on it without collision. This can be used to scan an area or in rescue missions.

A silhouette of a drone

Description automatically generated