

This project, like any other one, does not come without risks. There are many risks associated with our solution, however we have put in every effort to design it in a way that will minimise probability of them occurring.

The 4 main issues that might happen are:

- Breakdown/ equipment failure – this cannot be foreseen and mitigated completely. However, we will do regular equipment maintenance checks. Also the drones will be designed in a way, that the probability for equipment failure to occur will be minimum.
- The next main problem is possible disruption in communication with drones – for that scenario we equipped our drones and mother ship with backup software, which will automatically direct drones back to mothership rather than being lost.
- Another problem is the drones might crash into other satellites or space debris. To prevent that they will be equipped with an advanced collision detection system.
- The last issue is that our Space Gel may take a long time to invent – to avoid this, we will carefully consider which people we hire, and employ the right team of scientists to develop and test the material in the time given.