# Task #02

Complex Problem Table

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| S.N | Application Domain | Complex problem identified | Justification |
| 1. | Development of submarines | \*Unable to detect the damage during missions.  \*Dependency on non-renewable resources like battery. | \*Even if a submarine is severely damaged it will be difficult to detect it because during missions to hide from enemies submarines don’t radiate signals which will be difficult for detection during damage. Also there will be no longer life for the battery ( it exists for only few days with decrease in speed ) |
| 2. | Development of airlines | \*High expenses for fuel and maintenance.  \*Environmental concerns. | \*It is difficult to maintain airlines and also costs more expenses for fuel. Also environmental changes which causes crashes and damage to people lives. |
| 3. | Development of satellites | \*Collision of satellites in space.  \*Change in temperatures in space. | \*Satellites could collide with something in space which may cause damage. Also it is difficult to withstand extreme temperatures. |
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