**Ideation Phase**

**Problem Statements**

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| Date | 20 September 2022 |
| Team ID | PNT2022TMID31845 |
| Project Name | Smart solution for Railways |
| Maximum Marks | 2 Marks |

**SMART SOLUTION FOR RAILWAYS**

Problem Statement:

1) Automatic braking system and alarming based on health monitoring of locomotive pilot

2) Interconnecting lights with sensor for automatic switching on and off to save power

3) Connecting Air Conditioners in AC coaches with temperature sensor which regulates and adapts to the temperature conditions.

4) Fire alarm intimation to the locomotive pilot and automatic water sprayer in case of any fire in the passenger cars. Also provides alert to the nearby Fire station

5) Automatic platform allotment in large stations

6) Automatic train traffic control

7) QR scanner based ticket checking and automatic door opening

8) Wake up call/alert to the user on nearing the destination

9) Automatic Railway crossing barricade system 10) Enhanced and automated waiting list queue clearance.