**Team details:**

**Team name: NEURON**

**Team leader:** Sagnik Chattraj

**Selected problem domain:** Robotics and Drone

**Student Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Dept** | **Year** | **Email** | **Mobile** |
| **Sagnik Chattraj** | **IT** | **3rd** | **sagnikchattaraj055@gmail.com** | **7001641852** |
| **Shivam Kumar** | **IT** | **3rd** | **shivamsks219@gmail.com** | **7004883809** |
| **Aditya Ranjan Roy** | **IT** | **3rd** | **aditya2017roy@gmail.com** | **8404869133** |
| **Alisha** | **IT** | **3rd** | **alisharoy0231@gmail.com** | **7439104520** |
| **Anik sajjan** | **IT** | **3rd** | **asajjan36@gmail.com** | **7044898539** |
|  | **IT** | **3rd** |  |  |

**Problem Statement Details:**

**Problem Statement Title:** Insufficient medical support system and remote villages in hill areas.

**Description**: In the last two decades, there has been rapid migration of the young population from the remote villages in hilly areas to medium and large cities. Consequently, majority of the population in these villages comprises women and old people. Some of these villages are yet to be connected by road and thus do not have even basic health support system. A good health facility having presence of a doctor is sometimes more than 25 km away, which is inconvenient considering that some of the old people are not able to travel large distances. The problem is compounded by the fact that hill areas have severe shortage of doctors. Visits to these villages by health workers remain largely on paper and little meaningful medical support is currently being provided to these old people. During the outbreak of the second wave of COVID 19, people living in some of these areas also contacted the virus. However, there was hardly any medical aid available. A solution may be sought from students through this hackathon to solve the problem of medical support in remote hill areas.

**Organization**: National Institute of Design Madhya Pradesh

**Category**: Software

**Domain Bucket**: Robotics and Drone

**PS Number**: ST890

**Proposed Solution: (1 page)**

**Objective : To Make Medical Aid available to remote villages even in the hilly areas.**

**Solution to Achieve our goal**

**With help of our Webapp, we the team NEURON are trying make a bridge between the government hospitals and the needy one who are separated by a long distance.**

**What are feature that it will provide to solve the problem -**

**1. Direct Reach to doctors in case of any emergency to ensure that crucial time in aid can be reduce using videoconferencing, textual and voice conversation. It would be very much helpful for old sick persons as they will not have to face difficulty to reach to the hospitals that are very far situated from their villages. Nowadays Most of the young people left their villages in search of better opportunities, so it become too difficult for family members to make arrangement to reach the nearest hospital, So in this very situation our Webapp will connect them to hospital in very less time.**

**2. In Case, there is emergency need of some medicine or medical kit that is not available in village, person can order them in few steps from website and will be provided using the drones to the detected using GPS or mentioned location in very less time as compared to delivery using roadways.**

**In this way our Webapp can become a bridge between the hospitals and villagers. It will ensure the reduction of the number of deaths in villages due to lack of availability of medical facilities in remote areas. Our Webapp can play important role in reducing the current horrifying situation of deaths in villages of India that is 27% of the total deaths due to not having access to medical aid.**