**Ideation Phase**

**Empathize & Discover**

|  |  |
| --- | --- |
| Date | 28 September 2022 |
| Team ID | PNT2022TMID28596 |
| Project Name | Natural Disaster Intensity Analysis and Classification using Artificial Intelligence |
| Maximum Marks | 4 Marks |

**Empathy Map Canvas:**

**Natural Disaster Intensity Analysis and Classification using Artificial Intelligence**

Natural disasters not only disturb the human ecological system but also destroy the properties and critical infrastructures of human societies and even lead to permanent change in the ecosystem. Disaster can be caused by naturally occurring events such as earthquakes, cyclones, floods, and wildfires. Many deep learning techniques have been applied by various researchers to detect and classify natural disasters to overcome losses in ecosystems, but detection of natural disasters still faces issues due to the complex and imbalanced structures of images. 