**Ideation Phase**

**Empathize & Discover**

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| Date | 18 october 2022 |
| Team ID | PNT2022TMID43250 |
| Project Name | Natural Disasters Intensity Analysis and Classification using Artificial Intelligence |
| Maximum Marks | 4 Marks |

**Empathy Map Canvas:**

An external file that holds a picture, illustration, etc.
Object name is sensors-21-02648-g001.jpg

Block-I Convolutional Neural Network (B-I CNN)

According to block-I of the convolutional neural network, only a detection process occurred in this phase. However, this block also consists of three small batches having four layers each. Moreover, an image input layer and fully connected layers are present. Additionally, some parameters are also defined with learning rate 0.001 and epoch size 40. On the other hand, the convolutional layers use a filter size of 3 × 3, stride 1 and eight filters that increase in number from 16 to 32 for the second and third minibatches of convolutional neural networks

An external file that holds a picture, illustration, etc.
Object name is sensors-21-02648-g002.jpg