**Project Flow**

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| Date | 19 .11.2022 |
| Team ID | PNT2022TMID45080 |
| Project Name | Natural Disaters Intensity Analysis and Classification using Aritifical Intelligence |

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* Natural Disasters Intensity Analysis and Classification using Artificial Intelligence
* The user interacts with the UI (User Interface) and give the image as input.
* Then the input image is then pass to our ﬂask application,
* And ﬁnally with the help of the model which we build we will classify the result and showcase it on the UI.

To accomplish this, we have to complete all the activities and tasks listed below

* Data Collection.
* Collect the dataset or Create the dataset
* Data Preprocessing.
* Import the ImageDataGenerator library
* Conﬁgure ImageDataGenerator class
* ApplyImageDataGenerator functionality to Trainset and Testset
* Model Building
* Import the model building Libraries
* Initializing the model
* Adding Input Layer
* Adding Hidden Layer
* Adding Output Layer
* Conﬁgure the Learning Process
* Training and testing the model
* Save the Model
* Application Building
* Create an HTML ﬁle
* Build Python Code