PROJECT DESIGN PHASE- 1 SOLUTION ARCHITECTURE

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| Date | 6th October 2022 |
| Team ID | PNT2022TMID33575 |
| Project name | Natural disaster intensity  analysis and classification using artificial intelligence |
| Maximum marks | 4 marks |

# Solution Architecture:

Solution architecture is a complex process with many sub- processes that bridges the gap between business problems and technology solutions. Its goals are to

 Find the best tech solution to solve existing business problems.

 Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.

 Define features, development phases, and solution requirements.

 Provide specifications according to which the solution is defined, managed, and delivered.

# Solution Architecture diagram:

Image data

Train data

Data preprocessor

Test data

false

Eval uati on

input

true

Frames from videos

Predicti on

Video feed from camera

DL

Algorithm (CNN)

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|  | Model building |  |