**Project Design Phase-ISolutionArchitecture**

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| Date | 01May2023 |
| TeamID | NM2023TMID17790 |
| ProjectName | Automated weather classification using transfer learning |
| MaximumMarks |  |

**SolutionArchitecture:**

Solution architecture is a complex process – with many sub-processes – that bridgesthegapbetweenbusinessproblemsandtechnologysolutions.Itsgoalsareto:

* Findthebesttechsolutiontosolveexistingbusinessproblems.
* Describe the structure, characteristics, behavior, and other aspects of thesoftwareto project stakeholders.
* Definefeatures,developmentphases,andsolutionrequirements.
* Providespecificationsaccordingtowhichthesolutionisdefined,managed,anddelivered.

**SolutionArchitectureDiagram:**



*Figure1:Architecture and data flow of automated weather classification using transfer learning*