Project Design Phase-I Solution Architecture

Date	19 October 2023		
Team ID	9C05B58063F2C7CAA384F87D2AA8CF21		
Project Name	Project-Solar Panel Forescasting		
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.

Example - Solution Architecture Diagram: Base learners Meta-learner Back propagation Data preprocessing -Data Cleaning **ANN Model** -Outlier removel Data Transformation -Data Scaling -Data **Data Exploration** augmentation -Statical analysis LSTM Model rediction -Dependency (Base model 2) evaluation Lass **Back propagation**

Fig: Architecture diagram of solar panel