

## Project Design Phase-I Solution Architecture

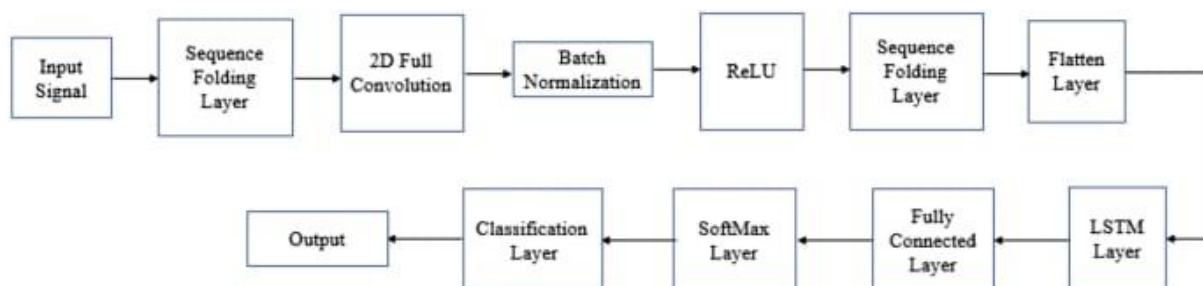
Date	01 October 2022
Team ID	PNT2022TMID29187
Project Name	Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation
Maximum Marks	4 Marks

### 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:



**Figure 1: Architecture and data flow of the Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation**