Project Design Phase
Solution Architecture

Date	29 June 2025
Team ID	LTVIP2025TMID59416
Project Name	Revolutionizing Liver Care: Predicting Liver Cirrhosis using Advanced Machine Learning Techniques
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, behaviour, 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:

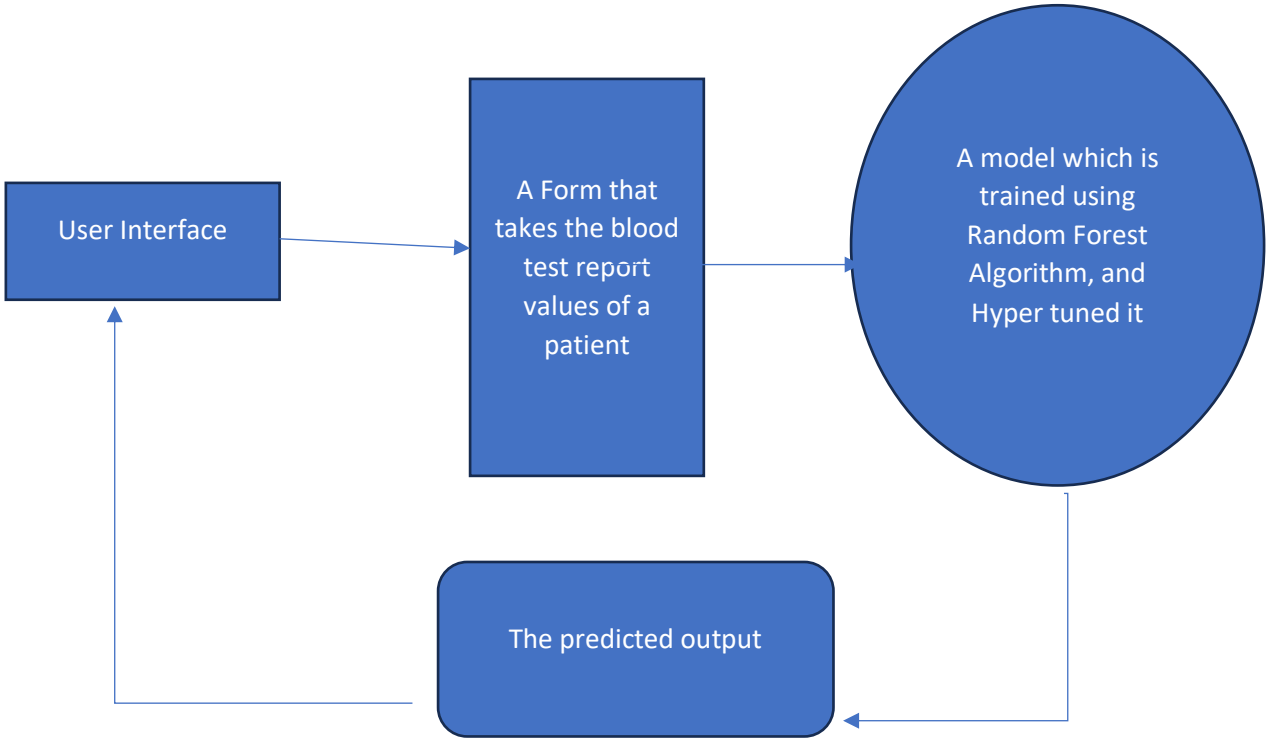

Figure 1: Architecture and data flow of the Revolutionizing Liver Care: Predicting Liver Cirrhosis using Advanced Machine Learning Techniques