

Project Design Phase-II
Technology Stack (Architecture & Stack)

Date	22 May 2025
Team ID	LTVIP2025TMID20310
Project Name	Resolvenow: Your Platform For Online Complaints
Maximum Marks	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Web-based UI for complaint submission and tracking	HTML, CSS, JavaScript/ React Js etc.
2.	Application Logic-1	User registration, login, complaint submission	Node js, Express js
3.	Application Logic-2	Complaint assignment, status updates, messaging	Node js, Express js
4.	Database	Stores complaints, users, agents, and admin records	MongoDB

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Modern, lightweight frontend & backend	React js, Node js, Express js
2.	Scalable Architecture	3-tier architecture with RESTful APIs	Microservices

References:

[React.js Documentation](#)

[Node js Best Practice](#)

<https://medium.com/the-internal-startup/how-to-draw-useful-technical-architecture-diagrams-2d20c9fda90d>