

Project Design Phase-II
TechnologyStack(Architecture&Stack)

Date	01-07-2025
TeamID	LTVIP2025TMID55815
ProjectName	FlightFinder
Maximum Marks	4 Marks

TechnicalArchitecture:

TheFlightFinder platformisdesignedwitha scalable3-tier architecturethatincludes thepresentationlayer (frontend), business logic(backend), anddatastorage layer. The solution ensures performance, security, and ease of integration with third-party APIs (e.g., Stripe for payments).

Table-1:Components&Technologies:

S.No	Component	Description	Technology
1.	UserInterface	Web-basedinterfaceforclientsand freelancers	HTML,CSS,JavaScript/ React Js etc.
2.	ApplicationLogic-1	Complaintsposting	Node.js,Express.js
3.	ApplicationLogic-2	Adminpanel	Reactjs,Nodejs
4.	Database	Storesuserdata,jobs,applications, messages	MongoDB

Table-2:ApplicationCharacteristics:

S.No	Characteristics	Description	Technology
5.	Open-SourceFrameworks	Frontendframeworks	React.js,Node.js,BootStrap, Tailwind CSS

S.No	Characteristics	Description	Technology
6.	ScalableArchitecture	3-tierarchitecturewithRESTfulAPIs	Microservices

References:

<https://github.com/jyothika19/flightfinder-navigating-your-air-travel-options.git>