

# Project Design Phase-I

## Solution architecture

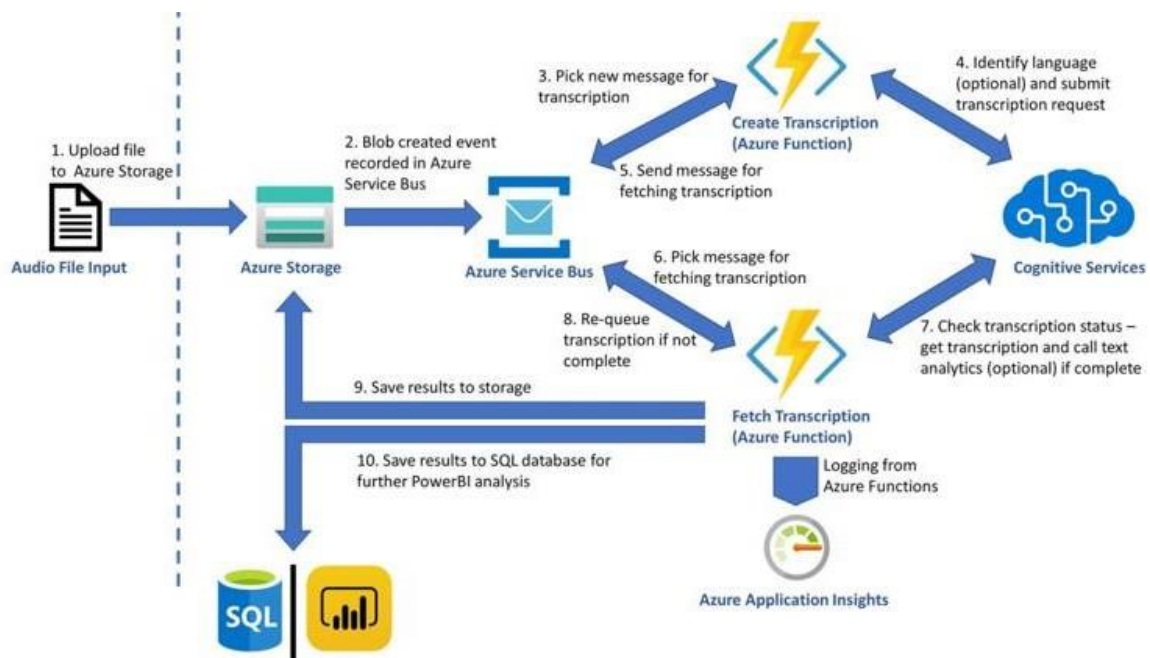
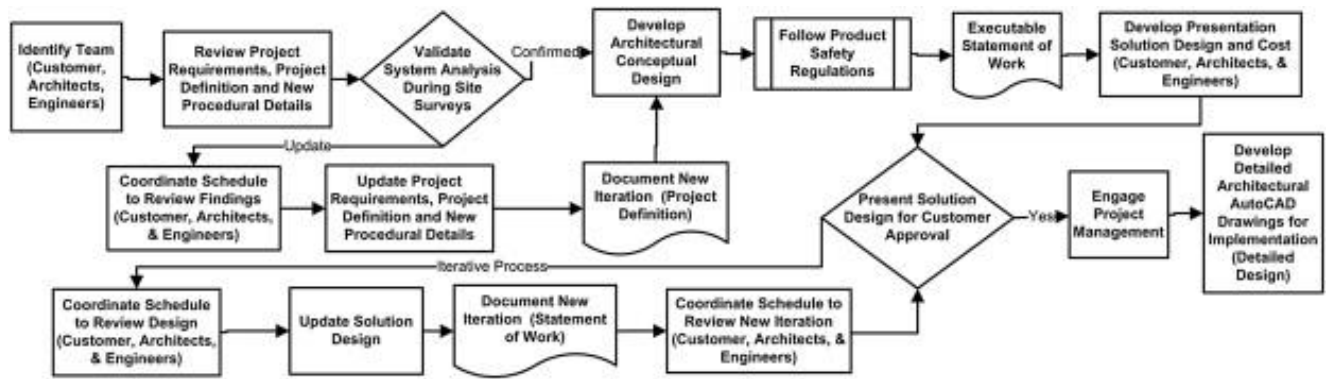
Date	19 September 2022
Team ID	PNT2022TMID43265
Project Name	Efficient water quality analysis & prediction using machine learning
Maximum Marks	4 Marks

### Solution architecture

The solution architecture and design process phase determines how to best design the solution, choosing the depth of the project, the schedule, hardware, and software to best satisfy both project and business requirements.

This is also where the team determines how the integration (hardware and/or software) of any required physical security subsystem into a single interface can improve efficiencies and decisions and reduce cost and risk. An architectural team is assigned, with architects, subject matter experts, and engineers from various disciplines, hardware and software vendors, and the customer.

This team works iteratively to determine success criteria, goals and objectives, and budget restraints as well as update project requirements and new procedural details, if necessary, and to document the architectural conceptual design and develop a presentation detailing the viability and benefits for key executives to obtain cost approval.



## Conclusion

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