

Project Design Phase-I Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID36766
Project Name	Project – Industry specific intelligent Fire Management System
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.

MURAL TEMPLATE

Visualize the relationship between your application and Amazon Web Services

AWS Architecture Diagram
A template designed to help you build your AWS architecture

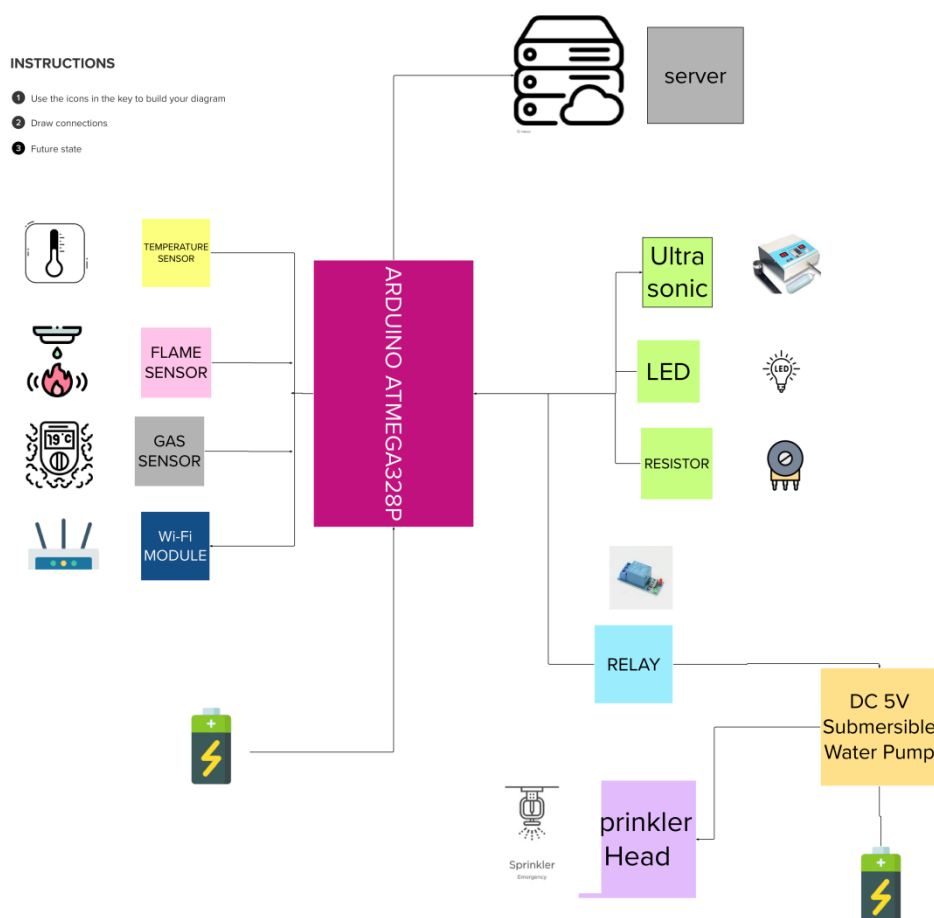
INTRODUCTION
Amazon Web Services (AWS) is a cloud-based infrastructure as a service (IaaS) platform using computer use to design, host, and scale their products. With our AWS architecture diagram template, you can visualize the relationship between your application and AWS.

This template contains 25 of the most commonly used AWS icons, ready for you to drag and drop into your diagram. You can download a full set of the AWS icons here, and add them to your mural.

TOOL TIPS
Create connections at the speed of thought:

- Hold **CTRL** and **SHIFT** to draw a connection
- Turn on connector points to make your diagrams faster
- Click on the connector points to instantly add new connections and shapes
- Change connector styles
- Switch between different shapes and display modes quickly
- Build with objects of the same type by holding down the **SHIFT** key

RESOURCES



KEY

Virtual Machines & Networks

- Amazon Virtual Private Cloud (Amazon VPC)
- Elastic Network Interface Card (Amazon ENI)
- EC2 Instance
- Resource
- Internet Gateway

Amazon Applications

- S3 Bucket
- Elastic Beanstalk

Lambda Functions

- AWS Lambda
- Simple Notification Service (SNS)
- DynamoDB

Internet of Things (IoT)

- IoT Core
- IoT Rule

Other

- Glacier
- CloudFront
- Auto Scaling
- Amazon Elastic File System
- EBS Volume
- AWS Customer Gateway
- Route 53
- API Gateway
- Classic Load Balancer
- Network Load Balancer
- Application Load Balancer
- VPN Connection
- MySQL
- Elastic Load Balancing
- WEB App Firewall
- DynamoDB Table

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