

# Software Architecture Documentation template

## Overview

This document provides an overview of the architecture of [Project Name], a web application developed to [describe the purpose or goal of the project]. It outlines the technical specifications, identifies key problems addressed, and presents the solutions implemented.

## Technical Specifications

### Technologies Used

- Frontend:
  - Framework: \_\_\_\_\_
  - Languages: \_\_\_\_\_
  - Libraries: \_\_\_\_\_
- Backend:
  - Framework: Express JS
  - Database: None
  - Languages: JavaScript (Node.js)
- Deployment:
  - Hosting: \_\_\_\_\_

## Problem

[Describe the key problems or challenges that the project aims to address. This may include technical limitations, user pain points, scalability concerns, etc.]

## Solution

### Architecture Overview

[Provide a high-level overview of the architecture, including components, interactions, and data flow(UML Diagram)]

### Frontend

[Describe the frontend architecture, including components structure, state management, routing, and any third-party integrations.]

## **Backend**

We use REST API which don't have authentication and a static JSON file for storing data

## **Deployment**

[Detail the deployment architecture, including server setup, scalability considerations, continuous integration/deployment pipelines, and monitoring strategies.]

## **Conclusion**

[Summarize the architecture, highlighting key decisions, trade-offs, and future considerations.]