**Project Info**

* **Client:** **\*Client name\***
* **Service:** Digital Transformation
* **Industry:** Government
* **Tech Stack:** Angular, ASP.NET, PostgreSQL, React Native, REST API, SignalR

**Company Overview**

The **\*Client name\*** is the nodal body that spearheads all e-governance initiatives across the state. Its mission is to provide doorstep e-services to the common citizen, ensuring transparency, efficiency, and accessibility in public service delivery.

**Challenges Faced**

**\*Client name\*** encountered several challenges in monitoring the **\*issue\*** due to its reliance on manual processes:

* **Lack of Real-Time Monitoring**: Difficulty in effectively tracking the status and progress of the scheme.
* **Delayed Actions:** Challenges in identifying the reasons for delays in meal preparation and distribution.
* **Inefficiency in Reporting:** Manual report generation was time-consuming and often led to inconsistencies in data accuracy.
* **Lack of Clarity on Implementation:** Inability to determine if the scheme was implemented successfully.

**Values Delivered**

**\*Company name\*** developed a comprehensive web and mobile application, streamlining the entire workflow of the breakfast scheme:

* **Enhanced Transparency and Accountability:** Provided real-time tracking and monitoring of the breakfast distribution, ensuring that meals reached the intended beneficiaries consistently.
* **Improved Decision-Making:** Enabled data-driven decisions at various administrative levels, from block to state, by providing clear insights into program performance.
* **Optimized Resource Utilization:** Reduced wastage and ensured efficient allocation of resources by identifying discrepancies and areas needing improvement.
* **Increased Stakeholder Confidence:** Built trust among stakeholders, including government officials and the public, through transparent reporting and streamlined processes.

**Approach and Technical Details**

**\*Company name\*** completed a project in a month utilizing a dedicated team of 3 full-stack developers, 2 mobile developers, 1 project manager, 1 business analyst, 1 QA tester, 1 UI/UX designer, and 1 database developer.

The tech stack comprised **Angular** for the frontend, **ASP.NET** for the backend, **PostgreSQL** as the database, **React Native** for the mobile application, **REST API** for database functions, and **SignalR** for real-time notifications.

**Summary**

**\*Company name\*** delivered a comprehensive web and mobile application for **\*Client name\***, optimizing operations, minimizing manual errors, accelerating reporting, and enhancing real-time monitoring. This digital transformation enabled effective tracking and implementation of the **\*product developed\***, promoting greater efficiency and transparency.

**Note:**

I have done this case study for a company based on the real data as part of my interview process. Hence, I am not mentioning the company name, client name and the product/service name here.