

EXECUTIVE SUMMARY

Client Name: “Gamma”

Industry: Business Consulting

Location: USA

No. Employees: 1-10

Client Challenges:

1. Report generation for clients takes multiple hours.
2. Software systems are outdated, need an upgrade for possible sale.
3. Project must finish within eight weeks.

Solutions:

1. Discussion about pain-points and must-haves.
2. Recreation of current software on AWS with SQL, HTML and Python.
3. Scheduled weekly feedback meetings for eight week timeline.

Results:

1. Report generating system is now entirely cloud-based, reducing generation time to minutes instead of hours.
2. Software is up-to-date and ready for sale if needed.
3. Timeline met.

PRODUCT LIST

Hardware:

1. Python
2. HTML
3. SQL

Cloud:

4. AWS

Business Consulting Firm Reduces Report Generation Time By A Factor Of 10 With Custom Software

CLIENT CORPORATE SUMMARY

The client (“Gamma”) is a consulting firm which works with individuals, organizations and communities to transform problems and challenges into possibilities and results.

CHALLENGES SUMMARY

As a consulting firm, Gamma is in the business of solving problems.

Unfortunately, generating the reports they needed based on client information was taking multiple hours.

At the start, the system they used to generate reports was partially cloud-based, with an access database with many detailed steps. This slowed down operations, caused frustration within the workplace and slowed down progress on client issues.

The client had a quick turnaround time for our team of eight weeks. The goal was to not only make their reports faster to produce, but also update and unite their software systems for the possibility of sale.

SOLUTIONS SUMMARY

When GearForge Software came in we used a team of four to handle the project: a project manager, lead architect, developer and designer.

To start with, we had a frank discussion with the Gamma team about their pain points and nice-to-haves in their current reporting system. Once we explained the benefits of a fully cloud-based system, they were very excited. We set up a schedule feedback meeting system, generally getting together once per week to gather feedback.

GearForge built the cloud-based report generating system using a combination of SQL, Python and HTML. We are hosting the system on Amazon Web Services (AWS).

RESULTS SUMMARY

The new software firmly brought Gamma into the future. This was a necessary upgrade due to the age and disorganization of the previous software. This was also a strategic move, making the software sellable if desired.

With our help, reports which used to take hours are now generated in minutes, highly increasing efficiency, client service and reducing headaches in the office. With an eight week completion date, we were perfectly on time.

Gamma loved the outcome, and has done additional work with GearForge since the project finished. They plan to refer us to their own clients. We'll also continue to provide support and maintenance as necessary.

GEARFORGE SOFTWARE

Founded in 2017, GearForge Software focuses on and develops internet of things (IoT) technology and creates custom software solutions.

With two of the only IoT labs in Minnesota, GearForge commits to building and programming the devices necessary to power a wide range of industries throughout the entire United States. With more than 35 combined years of experience in software engineering, along with military-based electrical engineering experience, the leadership team designs and builds IoT solutions end-to-end.

GearForge has a well-defined software development life cycle (SDLC) and can help your business get to market rapidly. From mobile and web applications to cloud infrastructure and IoT, we create greater value and enhance your return on investment.

<https://gearforgesoftware.com/>