A Dedicated Team Model in Software Development: How does it work?

Whitepaper

OVERVIEW

To start any type of development project or work, the first step is not to simply assemble a team. Instead, you better begin with determining what collaboration model will best suit your business case. If you're torn between outsourcing or getting an in-house team, or extending it with outside help, you may find neither fits you completely. It might be a better idea to consider a dedicated development team for your next project, since it is both flexible and efficient. Therefore, in this paper you will find everything you need to know about this model.

WHAT IS A DEDICATED TEAM MODEL?

As technology advances at a lightning-fast pace it becomes tad overwhelming for many businesses to keep up with the latest trends and demands. Yet, leveraging these latest developments can bolster your company growth manifold.

It is only natural that every business, no matter how small, would like to capitalize on the potential of tech solutions in transforming their operations. Here's where working with an IT services partner makes the difference. Read to discover success stories from our experience providing dedicated teams to 20+ countries worldwide.

A dedicated team model is a type of cooperation with an IT services company in which you bring your project idea or existing project to the table and your partner takes on its end-to-end development. They advise on the right technology stack, team roles, and coordinate the entire project execution.

If you choose a dedicated team model, the software development team you work with will be assembled based on your specific project needs and will fill your skill gaps. It resembles an in-house team, but you don't bother about talent recruitment and retention, renting an office, paying bills and more. Just the opposite, you can focus on more strategic business challenges while your partner does the rest.

To sum up, a dedicated team model provides you with a hand-picked professional team that is dedicated to realizing your project. Plus, all the administrative workload and expenses are on their side.

WHO CAN BENEFIT FROM A DEDICATED DEVELOPMENT TEAM?

As technology advances at a lightning-fast pace it becomes tad overwhelming for many businesses to keep up with the latest trends and demands. Yet, leveraging these latest developments can bolster your company growth manifold.

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According to Capital Counselor statistics, the top reason for outsourcing (70%) is cost reduction. Meanwhile, companies of all sizes, including large-scale enterprises, struggle to find the much-needed software development specialists for their projects quickly—according to data by McKinsey, over 87% of organizations are experiencing a talent gap.

YOU DON'T HAVE A TECHNICAL MANAGER ON YOUR END

Making informed technological decisions is a fundamental capability within a software development team. If you're a visionary who knows their industry but lacks the technology expertise, work with a dedicated team and trust their brains to do the rest.

For example, we provided a dedicated team for a UK Fintech startup, founded by highly experienced professionals in the financial service domain. As their main partner of choice, we helped them transform their innovative idea into an actual solution - an intelligent financial management platform providing complete control to midsized enterprises (SMEs) operating in a globalised economy. The founders of the company agreed with our approach – thinking big but planning small. We helped the client's team with their biggest challenge – dividing the must-haves features from the nice-to-haves and aligning their product scope with investors' expectations. At the beginning, the product owner had too many features in mind that were either not clear, or just it was not the right time for them to be built. With the help of Accedia Business Analysts and Software Consultants, they managed to turn their ideas into actual action steps and focus on implementation that will bring faster ROI.

Dedicated team:
Engineering Manager, 3 Software Consultants, and a Business Analyst

Technologies:
React, Node.js, Azure DevOps and Azure Services, PostgreSQL

Results:
Built an MVP in 4 months and attracted investments

"**They have added a great mix of fintech know-how, tech expertise and Scrum skills to the table, additionally helping to define processes. Team spirit has been high, and their involvement has been significant throughout!** "

YOUR COMPANY IS EXPANDING INTO A NEW TECH FIELD

If you start working on something new or moving in a new direction, it is natural that your in-house team may lack skill or expertise in the field. If you don't have the resources to educate your team or find new roles, choosing a dedicated team will be more efficient and will pay back sooner.

This is the case with one of our clients – an international full railway engineering service provider that offers railway construction, infrastructure, and service products. Its portfolio ranges from track construction, track renewal, track maintenance, and railway power supply to communication technology, consultancy, planning, design, and logistics services. As they were expanding the development of a responsive web solution for the Swiss branch of the company, they lacked experience in Azure-hosted web applications and best agile development practices.

Dedicated team:
Engineering Manager, Business Analyst, 6 Software Consultants, 2 QA Consultants, DevOps Engineer

Technologies:
React, TypeScript, ASP.NET, Azure

Results:
IoT analytics solution that reduced machines' faults by 70%

"Accedia has been an invaluable partner that supported us with end-to-end technology services starting from project management by a dedicated engineering manager, through business analysis and product requirements definition, data visualization, processes optimization, development, and testing."

YOU ARE MANAGING SEVERAL PROJECTS AT A TIME

The more projects you take on, the harder it is for your in-house to keep up with maintaining performance and productivity. Utilizing your budget efficiently also becomes a higher priority. Therefore, a dedicated development team will help you save the level you once set up for them, while optimizing costs.

For one of our clients – a leading video entertainment company in the Republic of South Africa including entertainment platforms that are used by approximately 14 mln people in 50 countries – we have managed to provide 30+ consultants in different roles, ranging from BAs through Software Consultants and DevOps Engineers. We have been leading teams for various innovative projects that the company wanted to start.

Before Accedia joined the client's team, it was difficult for them to execute their ideas as they needed both strong technology and niche industry expertise. Therefore, we not only helped them built a dedicated team of 30+ people, but also provided them consultants with industry experience and out-of-the box thinking. We work together currently on various projects with a focus on cloud infrastructure and cost optimization. In one of the projects, we created an AI model to optimize the cloud infrastructure in Azure and redirect the budget to more effective marketing activities thus saving the company thousands of dollars spent on cloud resources.

> **"They have added a great mix of fintech know-how, tech expertise and Scrum skills to the table, additionally helping to define processes. Team spirit has been high, and their involvement has been significant throughout! "**

Dedicated team:
Engineering Manager, Business Analyst, 24 Software Consultants, 6 QA Consultants, 4 DevOps Engineers

Technologies:
Python, .NET, Kubernetes, Docker, Angular, AWS/Azure

Results:
50% cost reduction in cloud services consumption

REGULAR HIRING

Decide and research which skills you need for the job.

Create, post and promote the job opening .

Do the first round of interviews.

Narrow down the list.

Do a second round of interviews.

Do a final interview round.

Onboard new team members with your business projects and culture.

Find additional people for the other roles.

Average time taken:

60+ days per role

DEDICATED TEAM

Choose IT services partner and send them your project details.

Your partner sends you team members' CVs and provide cost estimates.

Have interviews with the selected team members.

Agree on communication and project development processes.

Onboard team members with particular project details/business case.

Average time taken:

7 days per role
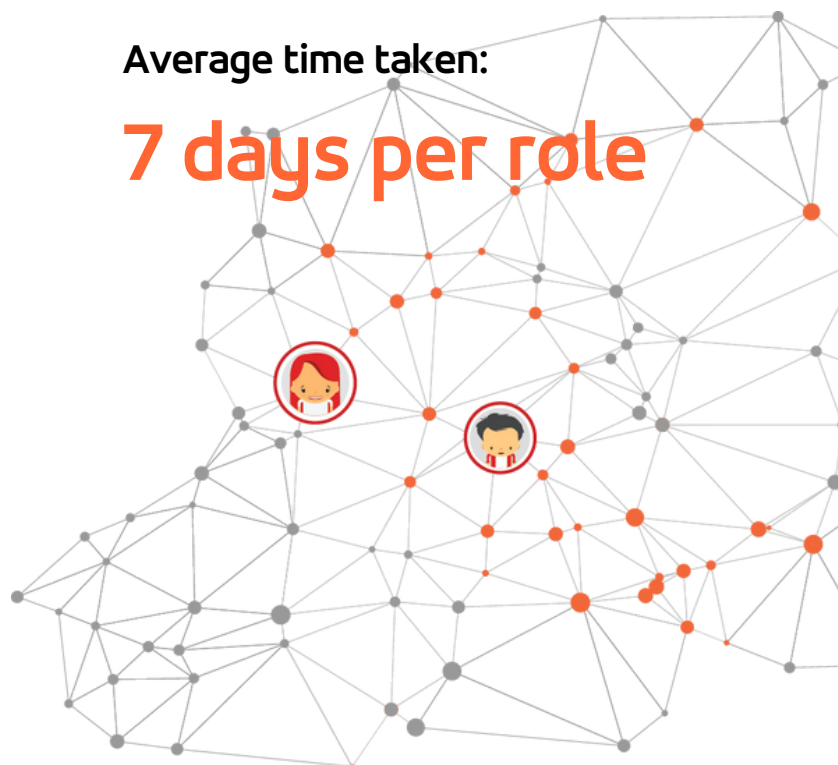
HOW DOES A DEDICATED TEAM WORK?

A dedicated team can be composed of various roles, depending on your project's needs. While a successful project delivery leans on the talents, abilities, and performance of the people behind it, the set-up process of an outsourced dedicated team relies on the experience of your software partner. By placing the right people in front of the right challenges, we ensure that our client's business goals are achieved. With a team of over 250 people, here are the main roles Accedia offers to our clients:
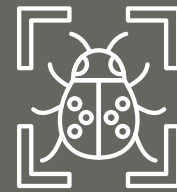
DEDICATED DEVELOPMENT TEAM ROLES
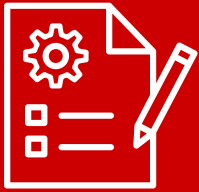
ENGINEERING MANAGER
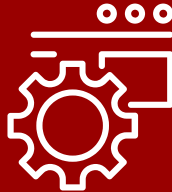
SOFTWARE CONSULTANTS

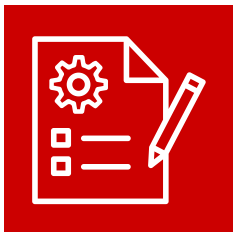QA CONSULTANTS

DEVOPS ENGINEERS

BUSINESS ANALYSTS

UI/UX DESIGNERS

ENGINEERING MANAGERS

Engineering Managers manage and oversee the scope, schedule, budget and quality of the projects. They also look after the team, develop their skills and support them in their professional development.

Regardless of the project size, Accedia assigns a non-billable EM with solid tech background as a direct point of contact for our clients.

UI/UX DESIGNERS

UX/UI Designers translate the project vision into visuals and make sure that the application is intuitive, and the user experience leads customers to take the desired actions. Our UI/UX portfolio includes 50+ projects.
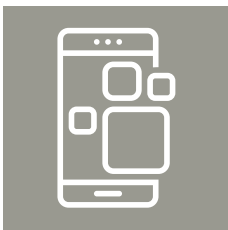
Recommended when you are developing a new application or are looking to modernize your existing solution.

DEVOPS ENGINEERS

DevOps Engineers design and provision application services and infrastructure and help automate configuration management and deployment, using the best practices of Continuous integration and Continuous Deployment.

Recommended for complex and long-term projects to help you speed development and reduce future costs.
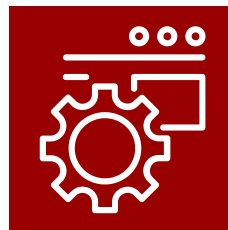
BUSINESS ANALYSTS

Business Analysts work closely with business stakeholders and Software Consultants to help translate business needs into software requirements. They get involved at the very start to minimize inefficiency and build an optimal process.

Recommended when you don't have a technical background, have a new project and are looking to clear requirements.
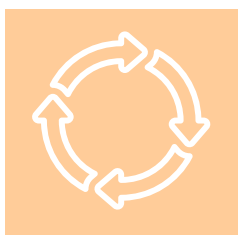
SOFTWARE CONSULTANTS

Software Consultants are responsible for the actual software development, while proactively communicating the best possible solutions to arising project challenges. We have Software Consultants that specialize in front-end, back-end and full-stack cross-platform development.

A dedicated team is usually made of an average of 3-5 Software Consultants with different experience and technology expertise.

QA CONSULTANTS

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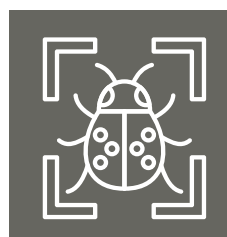
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DEDICATED TEAM & OTHER MODELS

	DEDICATED TEAMS	FIXED PRICE	TIME AND MATERIAL
WHEN TO HIRE	Long-term and complex projects Need for greater flexibility and dedication Need to mitigate risk and work changing requirements	Short or simple projects Set list of features and clear requirements	Project objective, requirements and duration may change
BUDGET AND DURATION	Flexible	Fixed	Flexible
CLIENT CONTROL OVER THE PROCESS	Significant	Little	Full
METHODOLOGY	Agile	Waterfall	Agile
REQUIREMENTS	Changing with some may be strictly defined	Strictly defined	Changing

A strategic IT services partner like Accedia can support you with an offshore software development team or added professional expertise to your existing team. You can discover more about our outsourcing partnership models here.

WRAP-UP: IS THE DEDICATED TEAM MODEL RIGHT FOR YOUR BUSINESS?

To wrap up, a dedicated development team is the best choice for complex projects, aspiring SMEs and evolving tech businesses. For such enterprises which seek long-term collaboration, the dedicated partnership comes as the best fit in terms of optimal cost and flexibility.

The dedicated development team model can support you with:

- Handling design, architecture, development, and testing of your digital solutions
- Identifying and leading the right members of your team to achieve project objectives
- Designing tailored governance processes to match your preferred collaboration approach
- Helping you minimize operational overhead (infrastructure, training and retention)

In case you still have doubts about what kind of collaboration model will suit you best, feel free to get in touch with us.

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San Francisco: One Market Str.,CA 94105 United States

ABOUT ACCEDIA

Accedia is a professional IT services company, specializing in Technology Consulting, Software Development and IT Operations Management. Founded in 2012 in Sofia, Bulgaria, Accedia has become one of the fastest growing technology companies in EMEA, according to Deloitte and Financial Times.

Accedia works with clients in more than 20 countries on 5 continents – from America to Japan, from Finland to South Africa and Australia. The company is a partner of choice for software engineering and consultancy for startups, SMEs and large enterprises in Finance, Manufacturing and Energy.

The team helps solve technology challenges and maximize digital opportunities by delivering:
- Engaging customer experiences for Web and Mobile,
- Sustainable transformation with Cloud applications,
- Increased effectiveness with Intelligent Automation and Data Analytics,
- New products and services leveraging Machine Learning and AI.

What makes Accedia stand out is the dedication to quality software that delivers practical business value. By endorsing agility and collaboration, learning continuously, and nurturing a growth mindset, the team crafts solutions with true professionalism.