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# Resources Outsourcing & Staff Augmentation (Dedicated and Shared services)

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# Introduction

Mearas Technologies offers you the following two **off-shore Resource Outsourcing & Staff Augmentation** models in India, to support your IT and application development & management services (AMS) -

- **Set-up a dedicated off-shore team OR**
- **Leverage our 'shared services' model**

The purpose of offering this model to our customers is to enable them -

- Reduce AMS & IT support cycles times
- Create internal bandwidth for teams to focus on higher value-added work
- Access to and leverage best-in-class IT talent across the technology & domain stack
- Leverage proven IT processes and SDLC methodologies
- Tangible & direct cost savings on operations & maintenance of an IT team

## Our key differentiator

Extensive 'business side' experience of & insights into the IT/Software business. We firmly believe that technology is a key enabler of your business and not just a support function

Ability to quickly analyze your IT eco-system nuances, expectations and deploy the most suited resourcing & staffing solution for each requirement

A highly process centric approach & culture to delivering consistently on your requirements.

# Our comprehensive model highlights

End-to-end project management & delivery in two models

- Dedicated ODC team with be-spoke execution & delivery processes
- Shared-services, depending on requirement

Comprehensive in-house training function

- Technology, methodology & process
- Certifications
- Soft skills

Dedicated Project Manager as single point of contact (SPOC) with the customer

Blended Time & Material (T&M) and Fixed-cost based investment model for specific development projects

Overlap time with the customer IT & development teams in US time zones

Weekly cadences and status review reports & calls, in addition to day-to-day communication

# Business scenario where we step in

You may leverage our expertise in the following scenario –

## **You have on-going IT and software development requirements**

Focus on your core business areas by having Mearas Tech partner with your IT & development teams for on-going application development, maintenance & support services, including IT infrastructure

## **Short term requirements of AMS engineers & developers for internal projects**

‘On-demand’ resources that you may need for temporary projects, at significantly lesser costs without compromising on quality and timelines

## **Availability and cost factors for unique profiles & skills**

Unique profiles and skill-sets that are difficult to find locally and are expensive

## **Early-stage quick ramp up**

Optimize your bandwidth with Mearas Tech’s support in quick ramp up of resources & teams

# Our Services capabilities



Application  
Development and  
Maintenance



Outsourced Product  
Development (ISV)



Managed Services  
(IT Infrastructure)



Dashboards for  
Analytics & Business  
Intelligence



E-Commerce Portal  
Development



Resources  
Outsourcing & Staff  
Augmentation



Verification & Validation,  
QA & Testing



# Technology Stack

The stack of technologies we use to build solutions is driven by our customer's need for robust and scalable software infrastructure

## Technology Stack

### •Platforms

Linux Servers  
Windows Server 2012

### •Web Server

Apache Server  
Parallels Remote Application  
Server (RAS)  
IIS 7.0+

### •Front-End Programing

HTML5 , CSS3, AJAX, React, Angular JS,  
Node JS, JQUERY, BootStrap, JavaScript

### •Back-End Programing

Python, Java, PHP, Ruby, R Programming,  
Scala, NET framework/ .NET Core

### •Database

MySql, Amazon RDS

### •IDE

Eclipse  
Visual Studio Online

### •Version Management

GIT  
TFS now known as Visual Studio Team  
Service

## Cloud Expertise

AWS  
Microsoft Azure  
Google Cloud Platform(GCP)

### •Cloud Services

Software, Platform and  
Infrastructure

### •Other Cloud Capabilities

Application programming interfaces (APIs)  
Database management  
Network management  
Development and operations (DevOps)  
Machine learning and AI  
Cloud security  
Hybrid cloud  
Cloud storage  
Cloud automation  
Performance testing, metrics and analytics

# Our Team structure

Team of Solution consultants, Technology architects and business analysts

Subject Matter Experts (SMEs) across the Technology stack

Project Managers, Team Leads and software developers across the technology stack

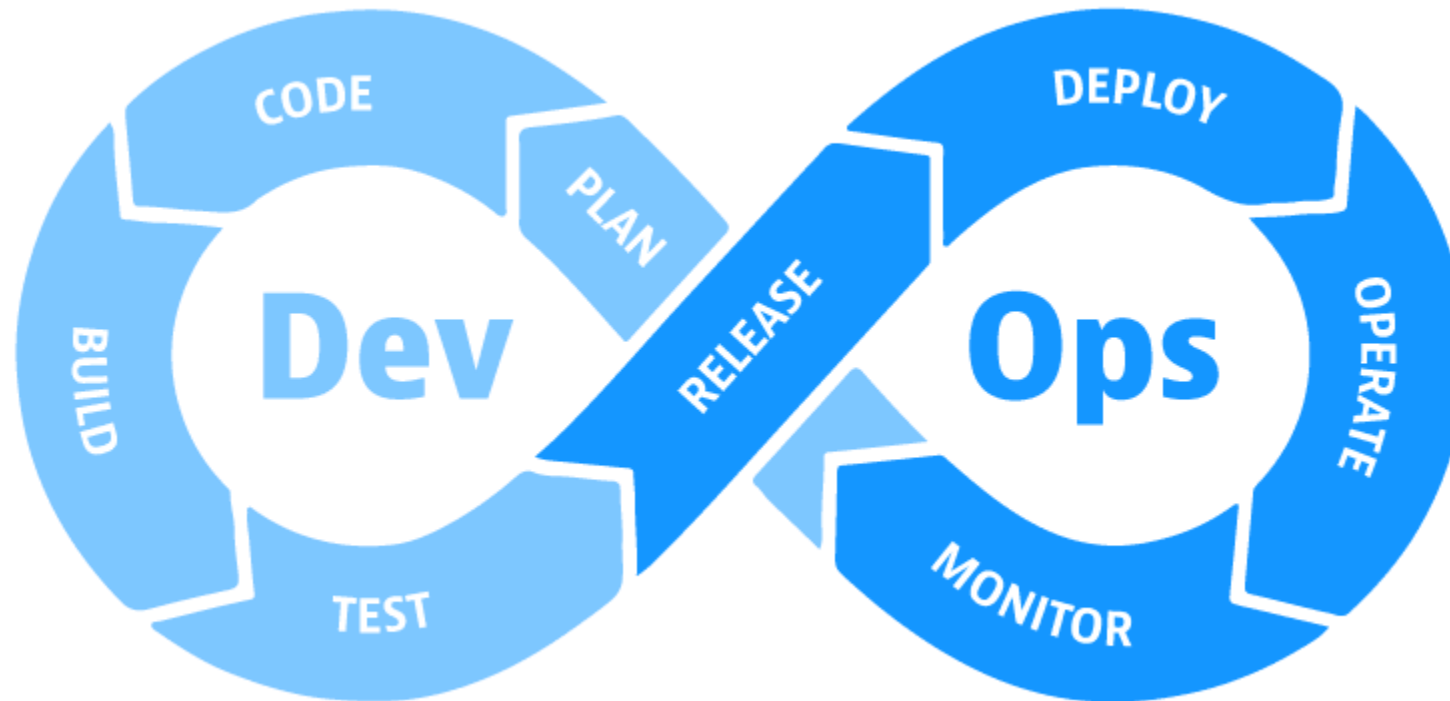
Team of QA & testing specialists; V&V experts



# Our methodology

# Our software development process overview

Bringing  
**Development & Operations**  
Closer Together



# DevOps Best Practices

## **Continuous Development**

This practice extends through planning and coding phase. Use of version control mechanism to track each code modification

## **Continuous Integration**

Frequent integration of software components to ensure source code changes do not impact the build version

## **Continuous Testing**

Incorporation of automated, pre-scheduled and continued code test whenever code is written or updated

## **Continuous Deployment**

Continuous deployment process to ensure that changes in code do not affect the functioning of the application

# DevOps Best Practices

## **Continuous Monitoring**

Continuous collection of data, monitoring of each function & spot any errors related to infrastructure and connectivity

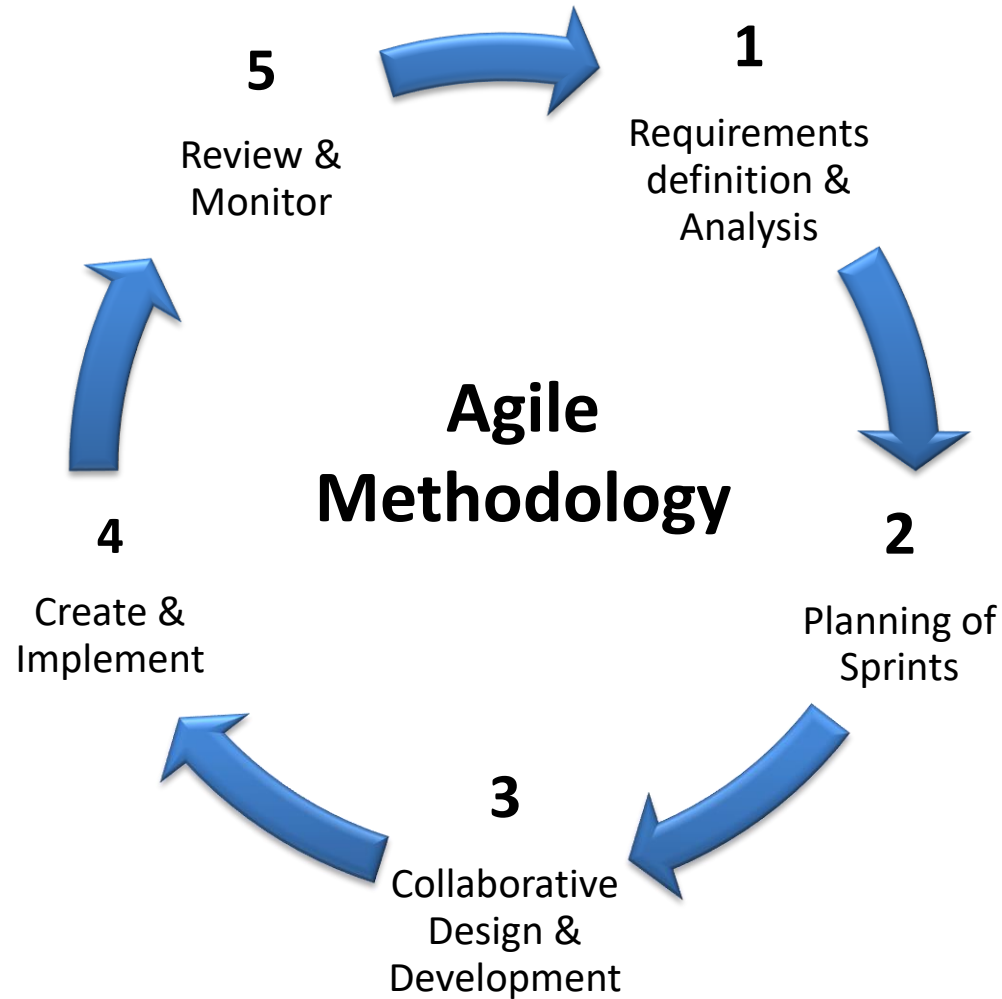
## **Continuous Feedback**

Mechanism to receive automated feedback by DevOps tools on issues & performance

## **Continuous Operations**

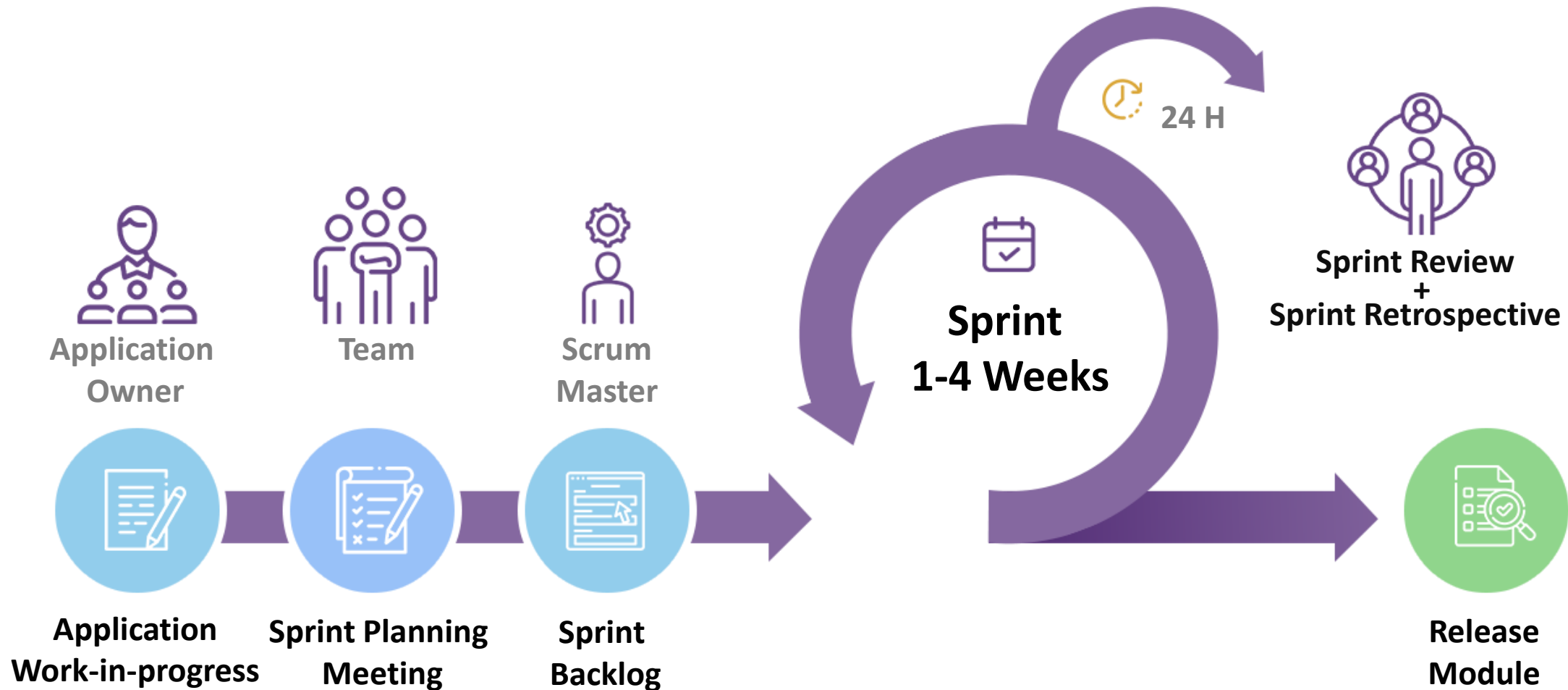
Automation of the application's release and updates that help keep cycles short and give the developers more time to focus on quality development

# Methodology



# Scrum framework to ensure complete success

For quality and cycle time reduction by dividing the project in well synchronized and logical smaller sub-projects



# Resources Outsourcing model - Advantages to you

Release time & effort bandwidth to focus on core business and other value-added technology aspects

'Plug & play' IT & development function to deliver on your on-going project requirements

Shorter cycles times & consistency of projects, leading to operational efficiencies (Follow the Sun model between the two teams in India and US)

Direct & tangible cost savings on IT & development team set-up and management

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**Thank You**

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