

mearas_

Your software **solutions**
& **services** partner



About Us



Mearas Technologies is an IT solutions & services company that is driven by its customers' business and technology imperatives.

With adoption of AI/ML technologies as part of our expertise, our service deliverables help our customers meet the objectives for which they make time & money investments with us as their IT partner.

Our expertise is backed by our product DNA and strong domain understanding & experience of the customers' side of the business. This innate understanding helps Mearas in delivering solutions & services that help meet business goals.

Our Vision

Our vision is that of an agile, integrated & technology-enabled business world, where leaders are focused on strategy & business growth with the assurance that their technology infrastructure intelligently aligns and scales up with their changing and growing business needs

Our Mission

We are on a mission to enable technology constantly align with and serve our customers' business goals. We enable our customers to leverage digital transformation and seamlessly grow their businesses. We endeavor to deliver digital, technology & data management solutions to help our customers make effective decisions to scale their growth while ensuring their customer's satisfaction

Our Differentiators



We comprehend the ultimate business purpose that the customer's stakeholders would like to achieve.



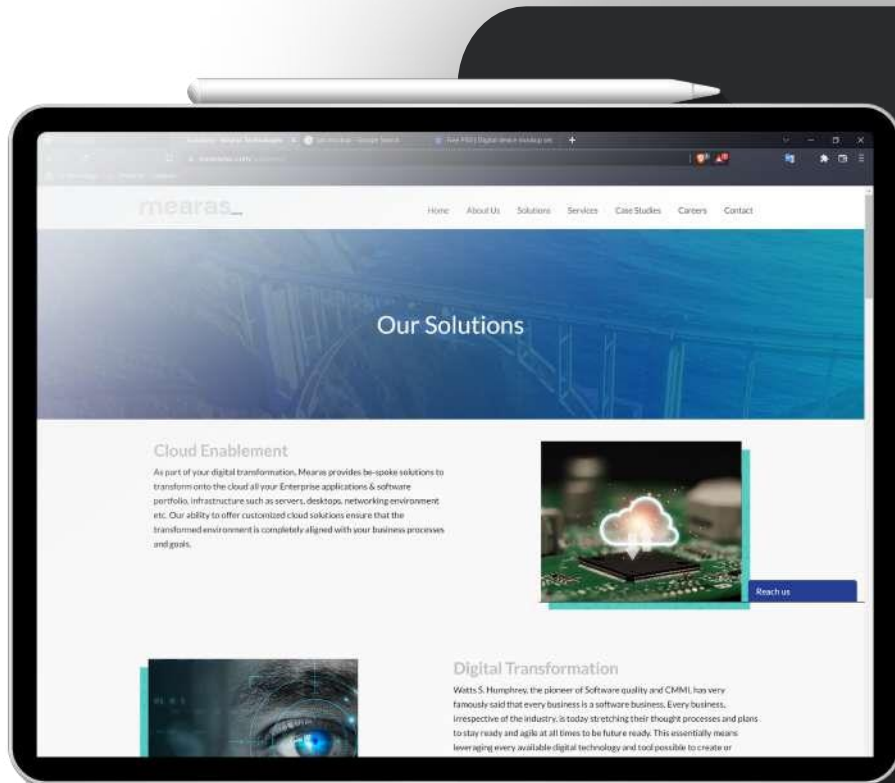
We help IT buyers align their scope of work & deliverables with the expectations of their internal users/business stakeholders.



A process-driven culture of high productivity across teams & profiles, thereby endeavoring to deliver more outcomes & value for the customer's investment

Technology
focused software
solutions and services

Our Solutions



Our Solutions Expertise

Focused on catering to our customers' need to continue scaling up with agility in the midst of the rapid technology evolution.



Cloud Computing



Data Modernization



Digital Transformation



Mobile Computing

Our Services



Application
Development and
Maintenance



Outsourced Product
Development (ISV)



Managed Services
(IT Infrastructure)



Dashboards for
Analytics & Business
Intelligence



E-Commerce Portal
Development



Staff
Augmentation



Verification & Validation,
QA & Testing



Technology

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

Technology Stack

•Platform

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 as a service (SaaS)
Platform as a service (PaaS)
Infrastructure as a service (IaaS)

•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

Engagement approach

01



Discovery

- Eco-system
- Challenges & expectations

02



Analysis

- AS-IS
- Processes & systems
- Requirement understanding from IT/users/executive teams

03



Approach

- Solution & Services recommendation
- Broad SOW
- Broad architecture
- Technology
- Outcome & impact
- Integrations

04



Review

- Approach review
- Stakeholder inputs
- Revise approach

05



SoW

- Deliverables & outcome
- Timelines
- Methodology
- R&R
- Project plan
- Investment proposal

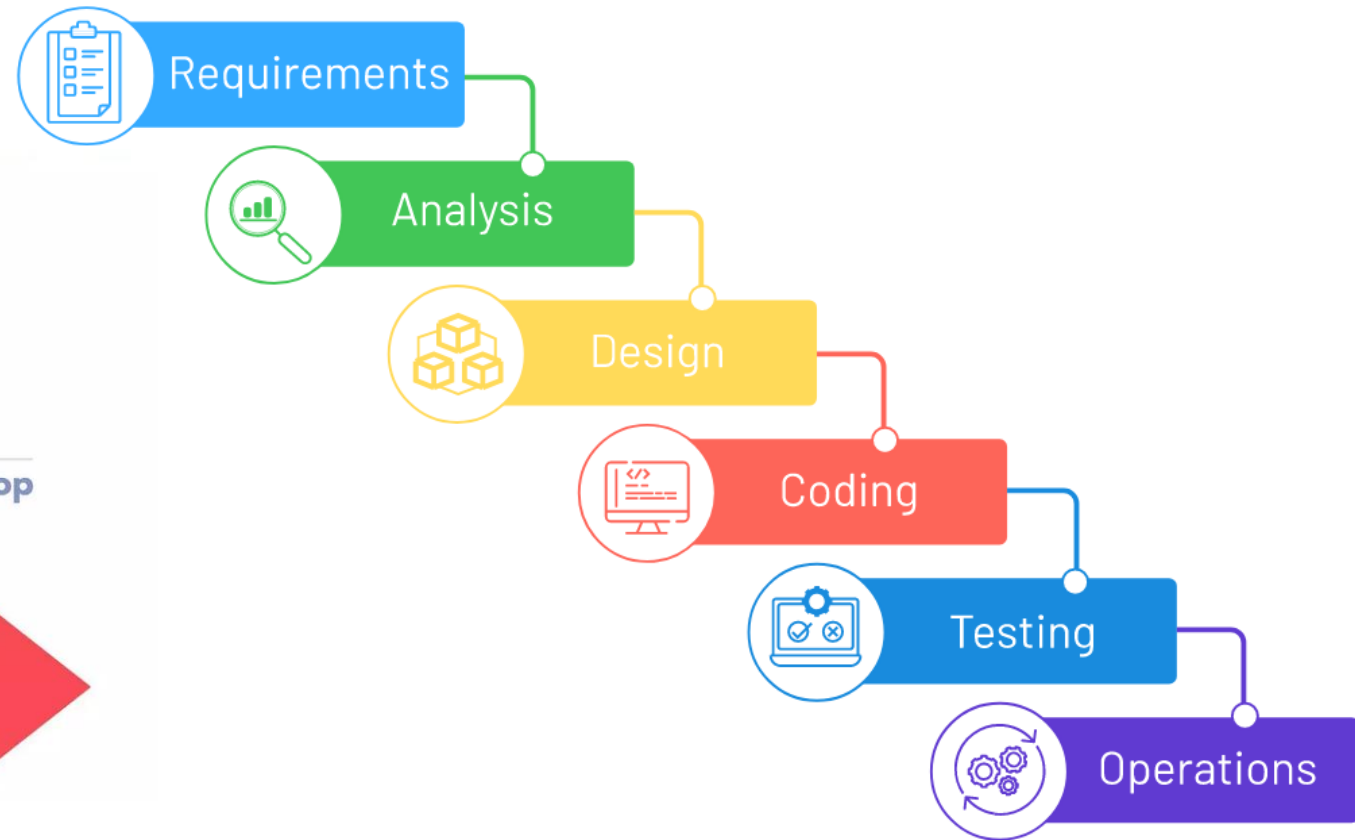
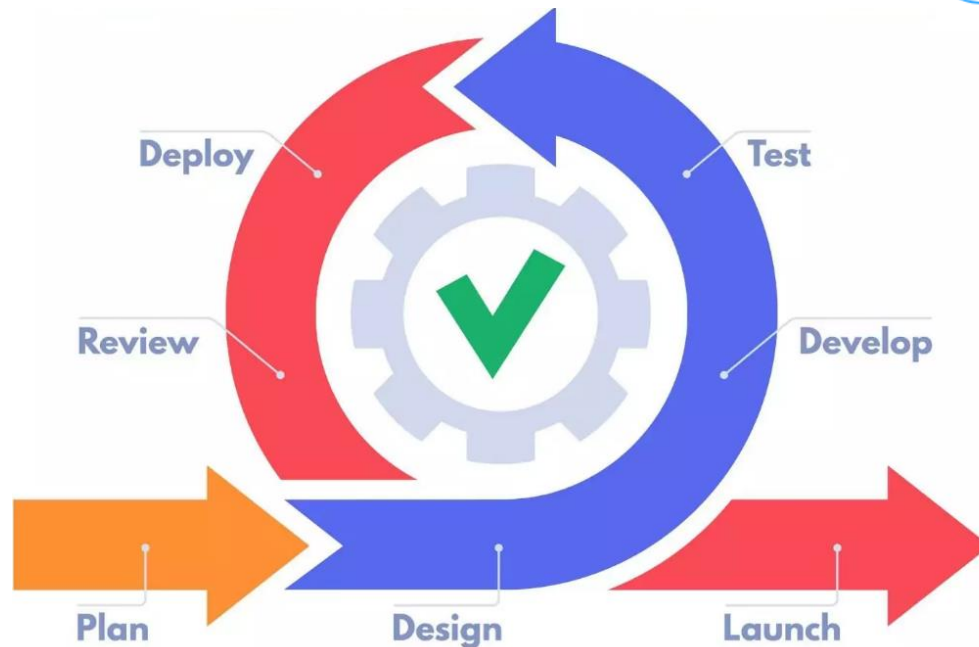
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Sign-off

Delivery methodologies

The choice & recommendation of methodology depends on the nature of each project



Designed & developed software projects for Manufacturing, Insurance, Fintech, Marketing services, IT/ITeS industry verticals

**Executed
project work
samples**

Project name - TooLiT (Tool Management Software)

Problem

No system to track movement of tools on the shopfloor and cumbersome task for the Toolroom managers to issue tools to 500 operators and manually track the issues and return. Also, financial loss owing to pilferage

Solution

An interactive web application enrolling all operators with their fingerprints. Also, enrolled all machines on the shop floor with a unique identification (RFID). When a tool is requested, the new system validates fingerprint & the RFID card.

The system derives tool subsets suited for both, the operator and the machine. The system maintains real-time data and seamlessly reports history of tool transactions. Strong checks & controls with the toolroom managers. 50+ reports based on transactions.

The solution reduced/optimized 30% costs for the customer, in addition to process streamlining and reduction in processing time

Scope

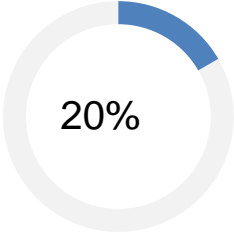
- Business process analysis & requirement gathering.
- Estimation & SRS preparation
- Design & develop application modules and integrate them with core application
- QA/testing of the application along with the integration
- Deployment at the customer site

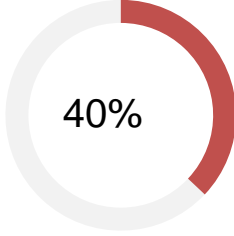
Technology Used Core Java, Rest Web Service, Servlet, Spring, Hibernate, JQuery, Javascript

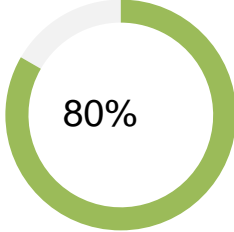
Tools Eclipse, Maven, Dbeaver

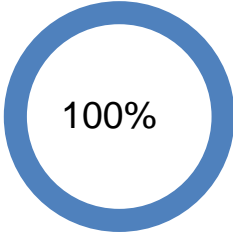
Environment Jetty, Tomcat, Windows, Unix.

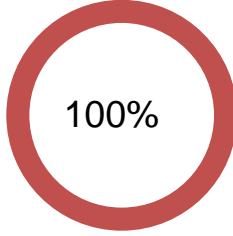
TooLiT - Value Proposition

Upto 20% Tool Cost Reduction  20%

Up to 40% Reduction in Management Time  40%

Up to 80% Save in Tool Loss  80%

100 % Tool Track using Finger Print & RFID Tag.  100%

100 % Paperless Transaction  100%

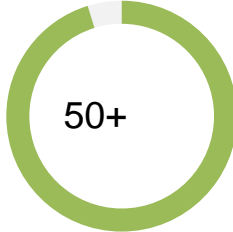
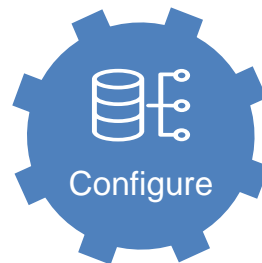
50+ Reports  50+



Fig 1 - Tool Cost Consumption Barograph Sample

How it Works



Project name - Insurance Legal Services Platform

Description

Existing web-based application on obsolete UI & technology. Our scope was to transform the older UI version with a contemporary and faster one. Application handles the insurance claim related queries by customers

Our Contribution

- Leading UI Team and ownership of UI design, development and deployment
- Understanding existing system and enhancing user experience
- Close Interaction with the customer to ensure we delivered on user expectations
- Design & development of the UI

Technology Used

Angular12, .NET

Tools

Visual Code

Environment

Serverless

Project name - Pensioner loan application system

Problem

Loan processing Fintech unable to track status of loans disbursed and to carry out due-diligence on loan applications for lack of a seamless application processing, analysis and reporting system, leading to NPAs

Our contribution to the project

- Leading the UI Team
- Understanding existing system, gaps and enhancing UX
- Requirement Analysis and Estimation
- Design & development of the end-to-end application
- Deployed the application as per committed schedule

Technology Used Angular, Node, AWS

Tools Visual Code

Environment Serverless

Project name - Customer engagement tracking system (CTS)

Description

A CTS developed for an inside sales & lead gen execution team to streamline sales and lead specific information, provide analysis & reporting, and track productivity. The CTS is designed to automate lead generation, database management, and related HR & Finance processes.

Key Value

- Process Automation
- Integrated features & functionality
- Performance tracking at all levels
- Financial tracking
- Client Analysis
- Real-time reporting

Modules

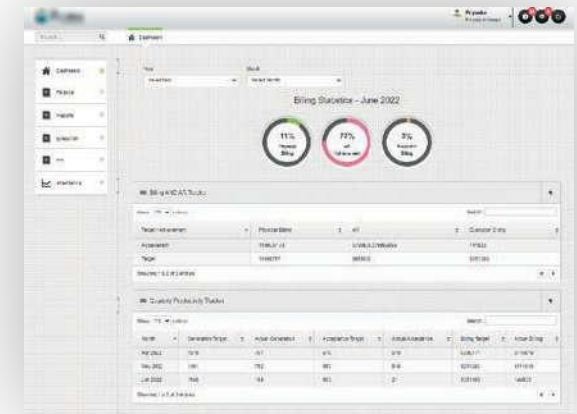
Inside sales team, Team Leads, Inside Sales Manager, Marketing Manager, Executive Team, Finance & HR team

Technology Used Core PHP, HTML5, CSS3, Bootstrap, JQuery

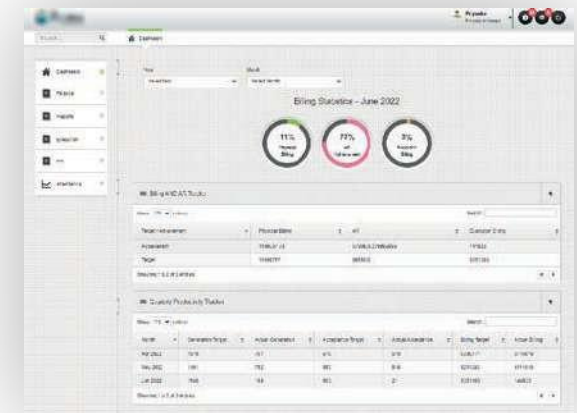
Tools Visual Code, PHPStrom

Environment Linux.

Dashboard



Reports



Project name - OEM Sales contest portal

Description

The sales contest portal is built for a Technology OEM to encourage their partners to use their sales portal which gives them access to product intelligence, technology trends, product features, pricing, services etc. Partners who register on the portal can participate in a contest by completing the listed tasks listed

Admin Module

Admin creates tasks which is visible to all the users weekly. The contest period is for 4 weeks. Admin shall create 20 tasks in this period. Once the users submit the screenshots of the tasks, admin can review the screen- shots and approve the task.

Modules

Users can see 5 tasks per week. They need to perform the task and upload the screen shot of the task to be performed, If the tasks have been declined by admin, the users need to re-perform the tasks

Technology Used

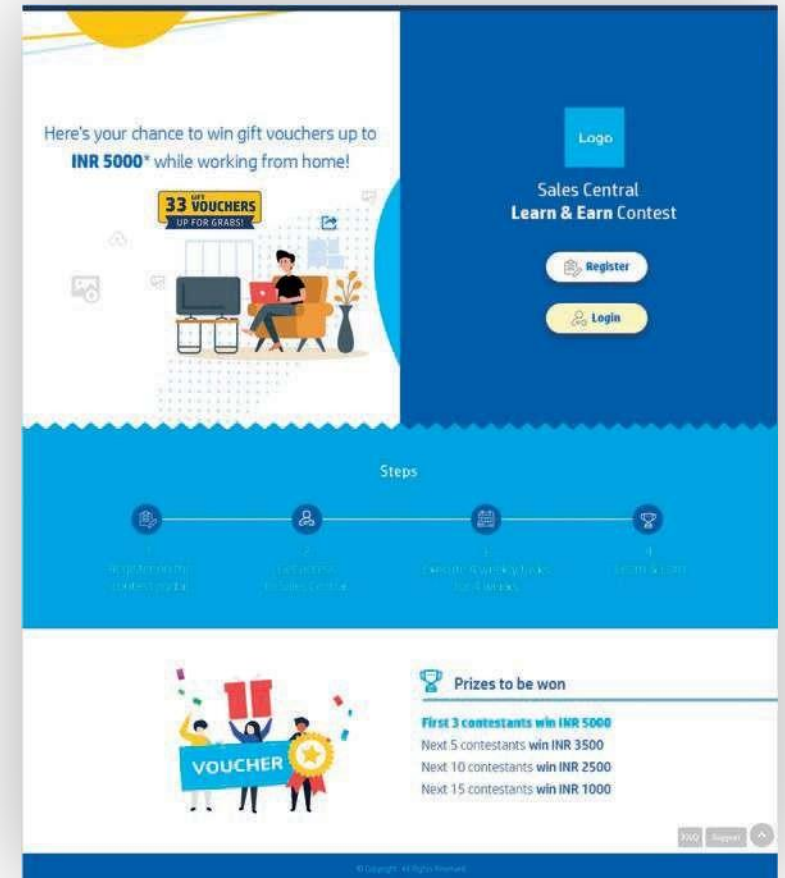
Core PHP, HTML5, CSS3, Bootstrap, JQuery

Tools

Visual Code, PHPStrom

Environment

Linux.



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Thank You

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