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ProApps365

Experts of SharePoint

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Prakash Group of Companies

Prakash Software Solutions Pvt. Ltd. is a software development has technical expertise in the areas of software development, custom application development, quality check & analysis and IT consulting.

Prakash Chemicals Agencies Pvt. Ltd. is a global market leader in the distribution of versatile chemicals that aims to offer innovative business solutions by connecting chemical manufacturers and end users.

Prakash Chemicals International Pvt. Ltd. (PCIPL) is active in international distribution, contract manufacturing and exports of chemicals, with a strong presence in 8 industry verticals.

Prakash Chemicals Pvt. Ltd. has its presence in chemicals, imports & exports, software, tele-communication, and many more, and inaugurate the most thriving companies in their respective markets with a successful presence in more than 50 countries across the globe.

Prakash Teleservices Pvt. Ltd. (STATOS) is one of the leading office stationery product manufacturers, suppliers, distributors and wholesalers from Gujarat, India.

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Globally Recognized

and most trusted bespoke software development company in industry, dedicated to helping its clients, creating efficiency-driven software as well as products and apps.

20+
Years in Operation

120+
Satisfied Customers Globally

210+
Tech Professionals Incl MS Certified

15+
Certified Scrum Masters

50+
Years Legacy Exp. Of Group Companies

Cloud

Microsoft Azure

Office 365

Google Cloud

Amazon AWS

Backend

.NET Core

MVC WebAPI

Laravel

Node.JS

PHP

Front End

ASP.NET MVC

.NET Core

Angular

React JS

Knockout JS

Mobile

iOS Native

Android Native

Xamarin

Ionic

React Native

Flutter

SharePoint

SharePoint Online

SharePoint Add-Ins

SharePoint Framework (SPFX)

Workflows

SharePoint On-premise

Power Platform

Dynamics 365

Sales

Customer Service

Marketing

Finance and Operations

Finance

Field Service

Project Service Automation

Business Intelligence & Analytics

Power BI

Azure Analysis Services

Azure Integration Services

Modern Development

BOT

Artificial Intelligence

Containers

Machine Learning

BlockChain

Media Service

DevOps Tool

PHP

Cake PHP

CodeIgniter

Zend Framework

Laravel

Yii

WordPress

Magento

Data Services & Storage

MS SQL Azure SQL

My SQL

PostGre SQL

Elastic Search

Mongo DB

Document DB

Azure Cosmos DB

Redis

SQL Data Warehouse

Data Lake Store

User Experience

User Persona

Flow Diagrams

Wire Framing

Visual Design

Development Process

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9 — Under Final Bug Fixing

1 — New

2 — Under Pre-Estimate Analysis / Certification Stage

3 — Estimate Proposal **PSSPL**

8 — Under Final Review **CLIENT**

10 — **Final Delivery**

4 — Estimate Approved **CLIENT**

7 — Under Internal Bug Fixing **PSSPL**

6 — Under Internal Testing **PSSPL**

5 — Development in Process

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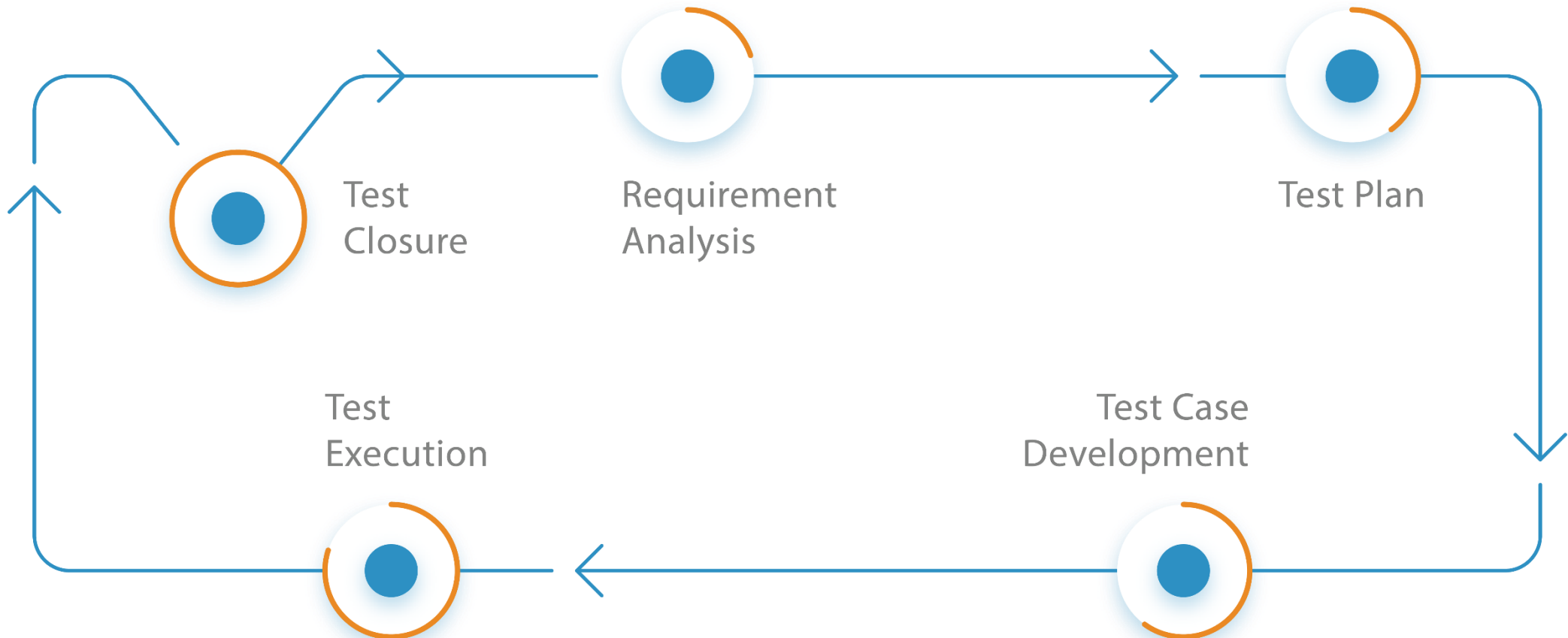
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Microsoft SharePoint Practice

Microsoft SharePoint Development Practice

DEVICES
DEVICE CHANNELS, RESPONSIVE
DEVICE AGNOISTIC
ANY FORM FACTOR

COMPLIANCE
DATA MONITORING
TRUSTED PLATFORM
REGULATORY

INTEROPERABILITY
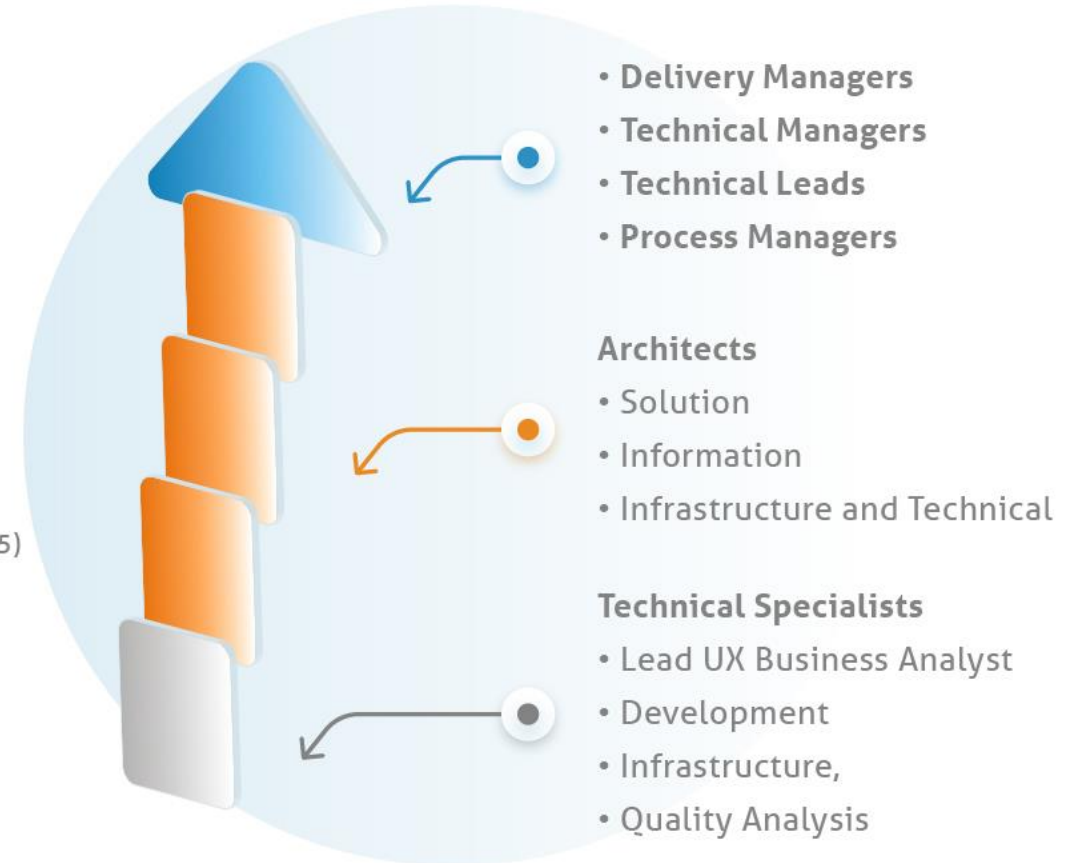BUSINESS CONNECTIVITY SERVICES, OData, CMI

AUTOMATION SERVICES
SERVICE APPLICATION

CLOUD SERVICES
SHAREPOINT ONLINE (Office 365)
AZURE SERVICES

APPS
MARKETPLACE
HOSTED APPS
AZURE AUTO-PROVISONED APPS (Windows Azure
& SQL Azure)
SHAREPOINT-HOSTED APP

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- **Technical Managers**
- **Technical Leads**
- **Process Managers**

Architects
- Solution
- Information
- Infrastructure and Technical

Technical Specialists
- Lead UX Business Analyst
- Development
- Infrastructure,
- Quality Analysis

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Microsoft SharePoint Development Practice

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- REQUIREMENTS WORKSHOPS ALM & GOVERNANCE

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SEARCH, SERVICES

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2007 -> 2010 -> 2013 -> "2016"
READINESS, HEALTH CHECK, PREPARATION

THIRD-PARTY INTEGRATION
LiveLink

SUPPORT SERVICES
SUPPORT & MAINTENANCE

PORTALS
INTRANET | INTERNET | EXTRANET
BRANDING
COLLABORATION
OFFICE WEB APPS

INFORMATION ARCHITECTURE
TAXONOMY, CONTENT TYPE HUB

ENTERPRISE SEARCH
CUSTOMIZATION, CUSTOM SCHEMA
SEO, CUSTOM RANKING MODEL

BUSINESS PROCESSES
FORMS, CUSTOM WORKFLOWS, K2, NINTEX

ECM & WCM
WEBSITES, AUTHORING, PUBLISHING
DOCUMENT MGMT., CONTENT MGMT,
INFORMATION MGMT.
eDISCOVERY, RECORDS MANAGEMENT

BUSINESS INTELLIGENCE
INSIGHTS | ANALYTICS
PERFORMANCE POINT SERVICES
- Dashboard, Scorecard, KPIs
SELF SERVICE BI - EXCEL SERVICES
POWER VIEW/PIVOT/MAPS
MS BI STACK:
- Integration Services
- Analysis Services
- Reporting Services (Native and SharePoint)

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Microsoft Teams App designed to support organizational changes and Accessible from any device by end users.

Canada

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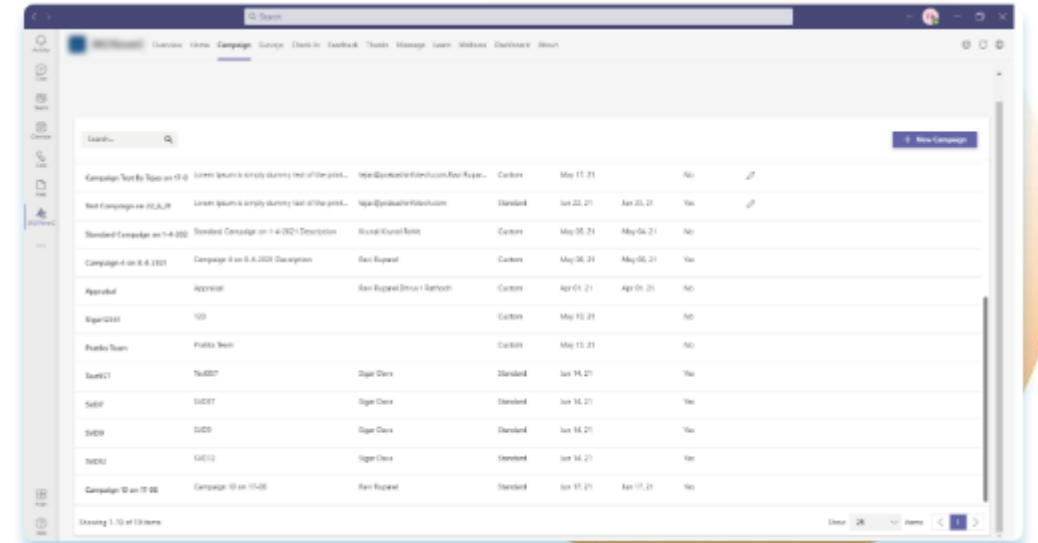
Business Needs

The client already had a system in place in a way of a website. The main goal of this application was to reach the customers who were using Microsoft Teams as their primary interaction tool in the organization for the users. So that it was easily accessible from the Web, Desktop, or Mobile devices and was highly responsive.

Technical Objective

- Create a custom app so that it can be used in Microsoft Teams.
- Implementation of Microsoft Teams custom app to achieve this.
- Implementation of azure web service where the app is deployed and displayed in the MS Teams app.

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Microsoft Teams App designed to support organizational changes and Accessible from any device by end users.

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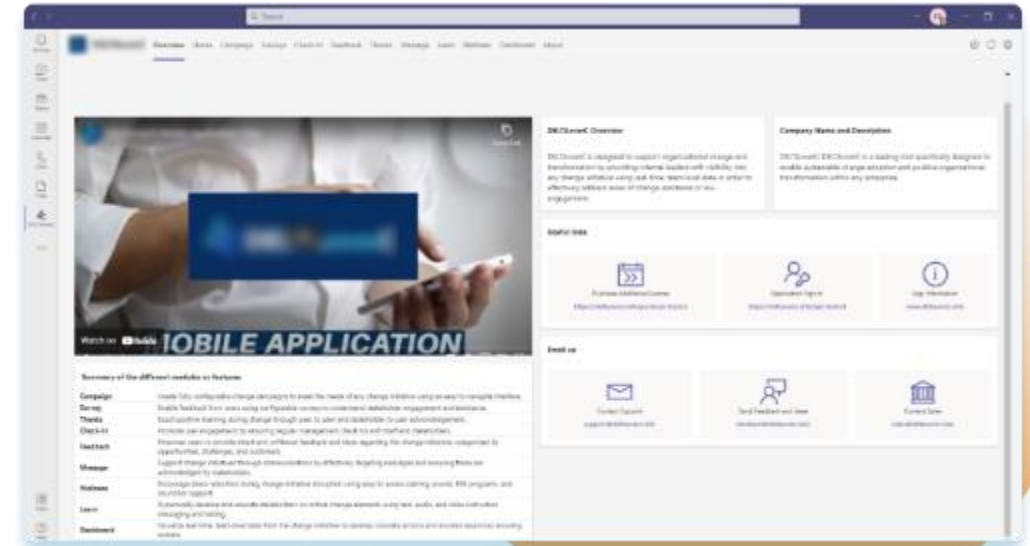
Resulting Benefits

Our solutions consisted of two parts.

- Microsoft Teams project was created using Microsoft Teams Toolkit and React.

- .net core applications were deployed on Azure.

We created customized personal tabs in the React application that was holding all the logic for the application. The data was stored in the MySQL DB in azure.

And the application was deployed in the Azure web app service.

Products and Services used

- Accessible from anywhere as it is available in Microsoft Teams Web, Desktop, and Mobile.

- Responsive with rich look and feel design using Microsoft Teams supported components.

- Single Sign-On functionality so that the user does not have to login again in the system.

- Automated process of survey and check-in generation to measure the user.

- This application is designed to provide change leaders visibility of any evolving change initiative with real-time, team-level data.

- Extensive utilization of Power BI reporting to ensure management as a real-time snapshot of the project.

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Microsoft Teams Document Management File Explorer and DMS with File Manager for Microsoft Teams

Germany

Intranet
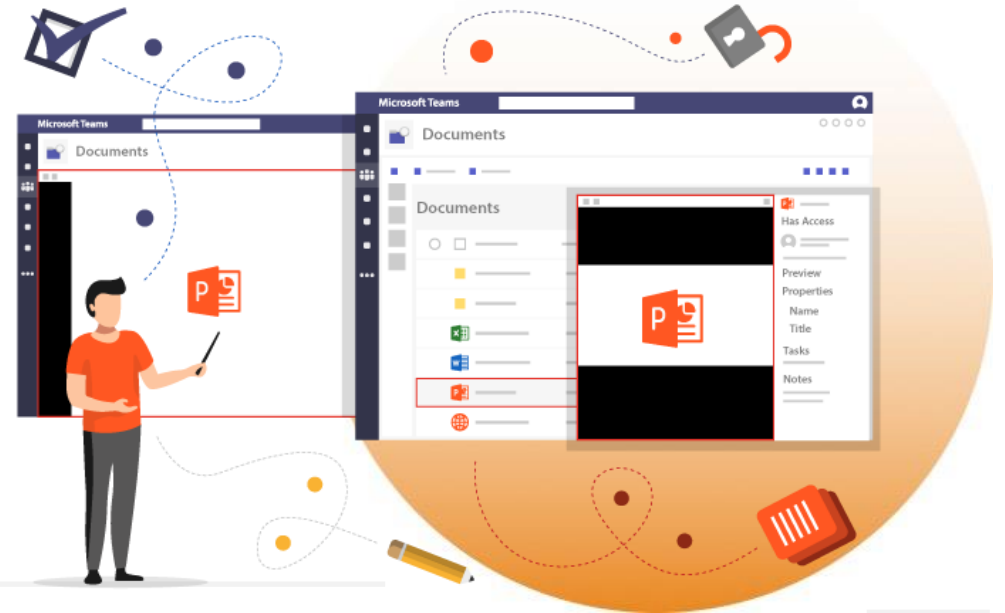
Key Features

Permissions for documents

See who has access, share individual documents or even entire folders with people and keep track of confidential data.

Ordered folder structure

Build on your familiar folder structures and display them fully integrated in Microsoft Teams.

Preview, metadata & notes

View document previews fully integrated with Microsoft Teams and enrich documents with your notes and metadata.

Document Management for Teams

- Bring the full power of SharePoint document management directly to Teams.

- Explore document libraries and folder structures, create custom views, share documents both internally and externally directly from Teams.

- Assign tasks, notes, or metadata to documents and get a quick document preview of any data type.
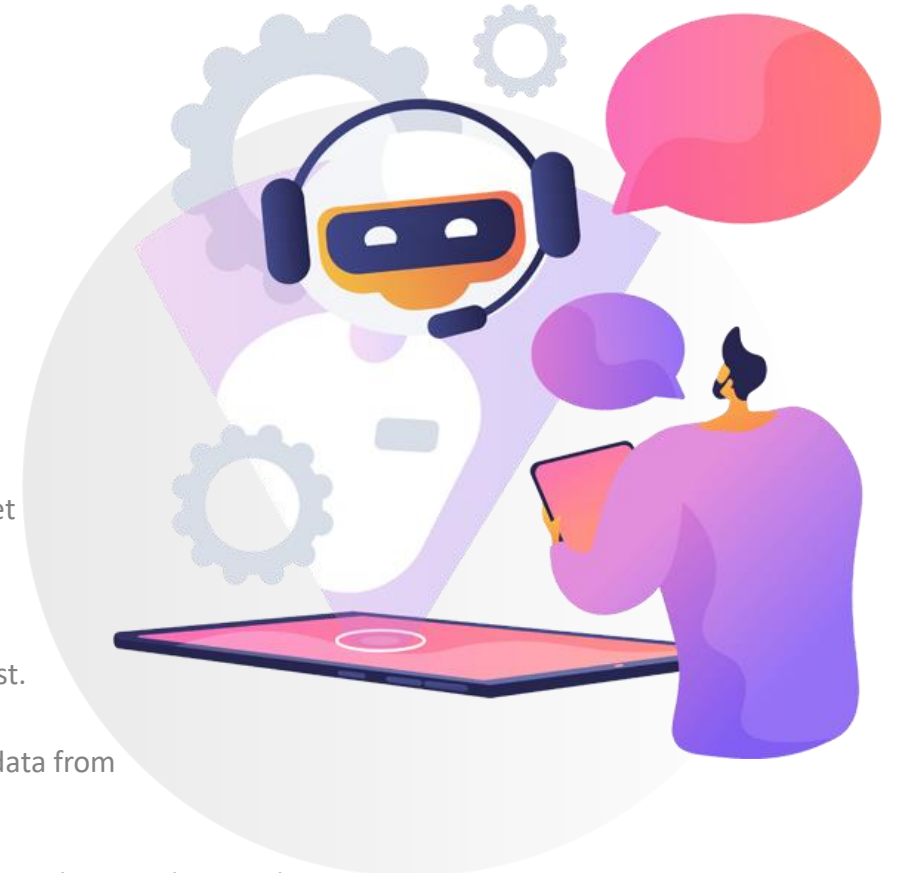
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Microsoft Teams Bot - @TellMe 365

Available on
Microsoft Store

Chatbot deployed on MSTeams channel and in SharePoint

@TellMe… a revolutionary BOT for Microsoft Teams that uses the power of artificial intelligence and the Microsoft GRAPH to collect and relay information from within Microsoft 365 products. @TellMe can also simply be configured to use a preset data source in order to provide prompt responses to any business-related question. You decide!

> We've created a chat bot by using MS bot framework and Deployed In MS Teams.

> In the backend to start with we've used graph API to get the response of various modules.

> The chat bot will identify each tenant uniquely and process the request based on the tenant id

> We have created custom Adaptive UI Cards

> We've used MS Teams library in chat bot to get the teams context in code
The module names which are supported and their end points will be stored in SharePoint list.

> In the back end the chat bot will process the data from configuration table based on the tenant id.

> There would be one admin centre where user can login and setup the SharePoint list URL's where the configuration data is stored.

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Using an Outlook Add-in to seamlessly read and update data in SharePoint from your inbox

🌎 Canada

🏭 Infrastructure Company
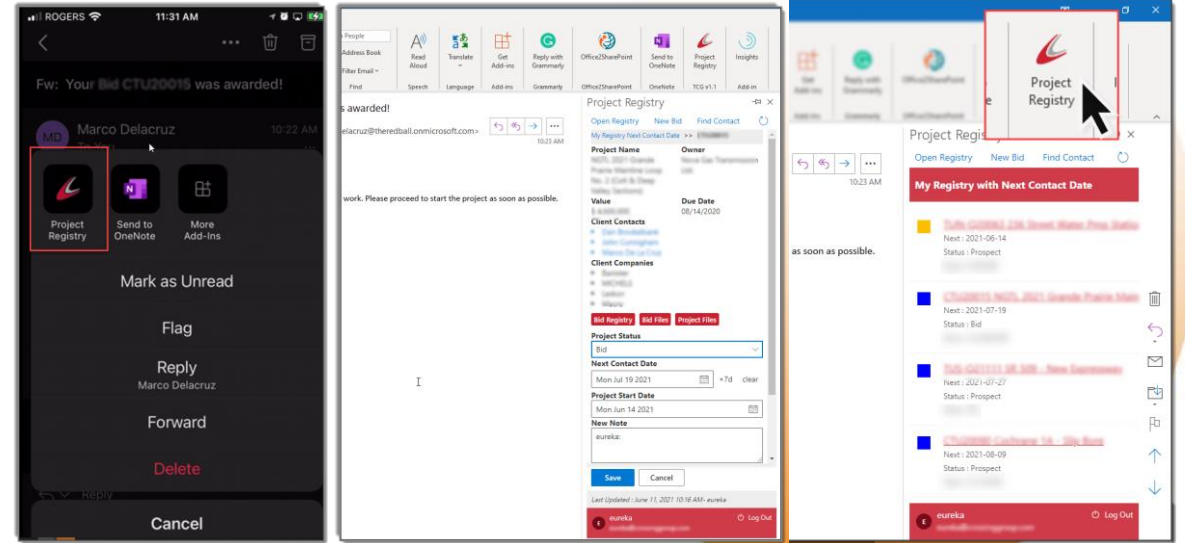
Key Features

Our client asked us for ideas on how we could streamline updating bid details, we suggested the implementation of an Outlook add-in. The add-in allows users to quickly keep track of bids, update status, enter comments, set follow up dates – all within their Outlook Inbox.

Solution From PSSPL

We developed an Outlook add-in with functionality that focused just on the client's needs and that brought all this right to one panel on the side of a user's inbox. The bespoke solution tied the client's SharePoint project registry into an easy to access Outlook add-in using React, Azure Functions, and Microsoft Graph API calls. Job information management has never been faster or easier. Single sign-on using Microsoft 365 credentials makes accessing the tool a breeze.

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Print and Export clean, easy to read views of any SharePoint List.

USA

IT

SPFx

Attachments	Last Name	First Name	Company	Email Address	Lookup
	Potter	Harry	Hogwarts		Raval
	Granger	Hermione	Hogwarts		Malfoy
	Voldemort	Lord	Hogwarts		Rohit
	Malfoy	Draco	Hogwarts		Voldemort
	Rohit	Krunal	PSSPL		Dave
	Chotai	Pratik	PSSPL		Chotai
	Dave	Sigar	PSSPL		Dave
	Darji	Tejas	PSSPL		Darji
	Raval	Chirag	PSSPL		Malfoy

Date: Apr 28, 2020   Total Records: 9

Key Features

- Instantly generates a streamlined, easy to read display of the current list ideal for printing
- Exports to Microsoft Excel with the click of a button.
- Allows users to quickly switch views.
- Includes four display templates lists can be organized with

Technologies

- SPFx web part
- SharePoint JSOM, HTML & CSS
- Angular 7

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Navigate SharePoint Lists, Libraries, Wikis and Sites with a Hierarchical Tree Structure.

USA

IT

SPFx
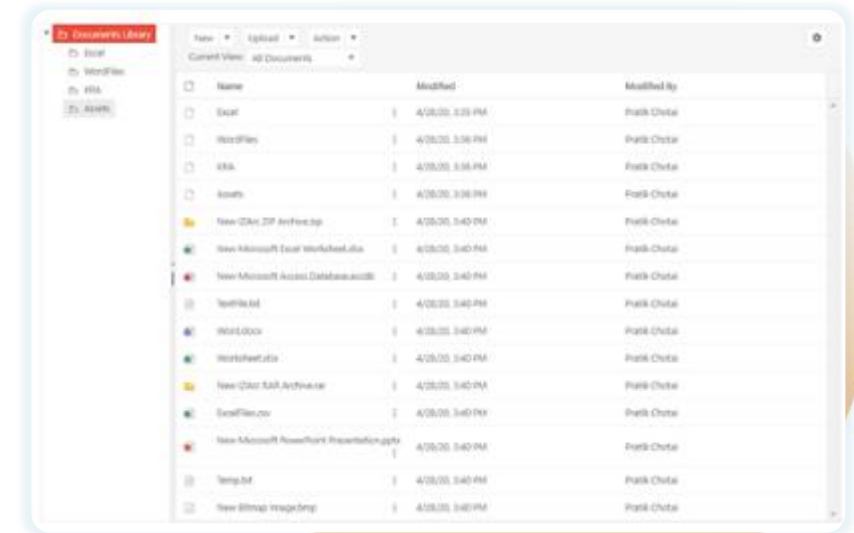
Key Features

- Quickly navigate through files and folders with a familiar, intuitive tree structure

- Display any SharePoint List or Library, including Documents, Wikis, Tasks and Discussion Boards, and Sites

- Easily manage and organize content by dragging and dropping

- Dynamically filter content using list views, Display the SharePoint context menu for list and library items

- Group related items into folders and subfolders for easier navigation

- Add new elements and perform contextual actions with powerful toolbar menus

- Match your site's look and feel by inheriting the site theme or customizing the CSS

Technologies

- SPFx web part

- SharePoint JSOM, HTML & CSS

- Angular 7

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Map associate column with a choice or percentage column, your color settings, and any data in the Associated Column.

USA   IT

SPFx

Results

Name	Subject	Reading	Writing
Nilam	● Science	85%	90%
Vishwa	● Arts	90%	100%
Sunidhi	● Commerce	35%	100%

Key Features

- Visually display incremental progress or status in a SharePoint list

- Displays incremental progress or any other status in the form of a color-coded bar or a percentage-based progress bar

- Supports custom colour sets, and display percentage information in both visual and numeric form

- Enabling users to quickly scan through lengthy SharePoint lists at a glance, while still retaining access to individual list item data

Technologies

- SPFx web part

- SharePoint JSOM, HTML & CSS

- Angular 7

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Quickly Locate Information that matter with streamlined, targeted SharePoint List Searches.

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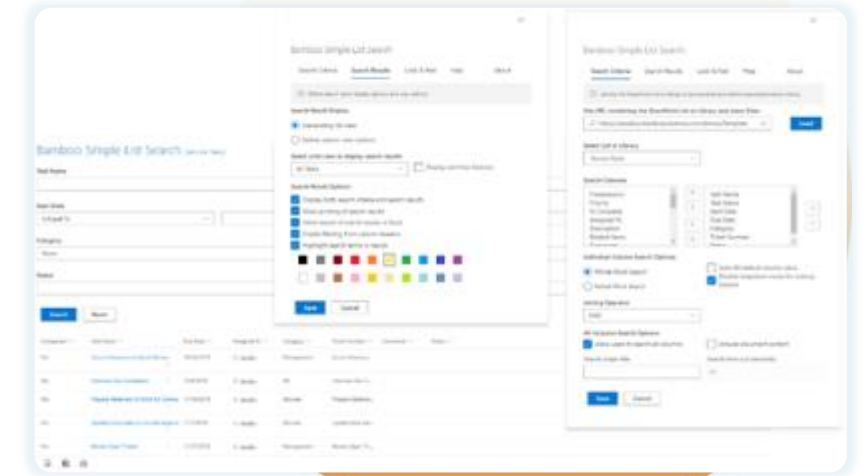
Key Features

- Create a simplified search interface in a few clicks without sacrificing any power

- Target specific SharePoint lists and columns, without creating indexes or search scopes

- Gain clarity with search results presented in a familiar SharePoint list vie

- Define how individual column searches are joined using "AND" or "OR" operators

- Enable users to get what they need faster with more relevant search results

- Powerful search options include configurable search fields and all columns search

- Limit search to whole word terms or allow partial word matching

- Personalize and refine results with flexible display options

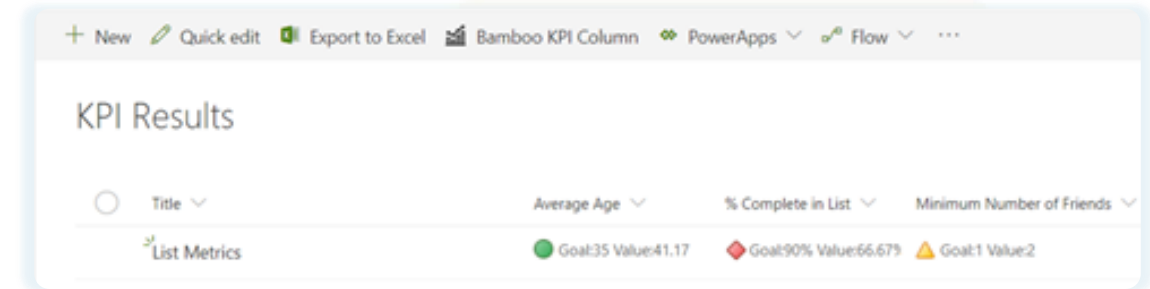- Create your own themes with editable CSS

Technologies

- SPFx web part

- SharePoint JSOM, HTML & CSS

- React

Automatically Calculate and display project/task/item status using your Key Performance Indicators.

USA

IT

SPFx

KPI Results

	Title	Average Age	% Complete in List	Minimum Number of Friends
	List Metrics	Goal:35 Value:41.17	Goal:90% Value:66.679	Goal:1 Value:2

+ New   Quick edit   Export to Excel   Bamboo KPI Column   PowerApps   Flow   ...

Key Features

- Instantly generates a streamlined, easy to read display of the current list ideal for printing

- Exports to Microsoft Excel with the click of a button.

- Allows users to quickly switch views.

- Includes four display templates lists can be organized with

Technologies

- SPFx web part

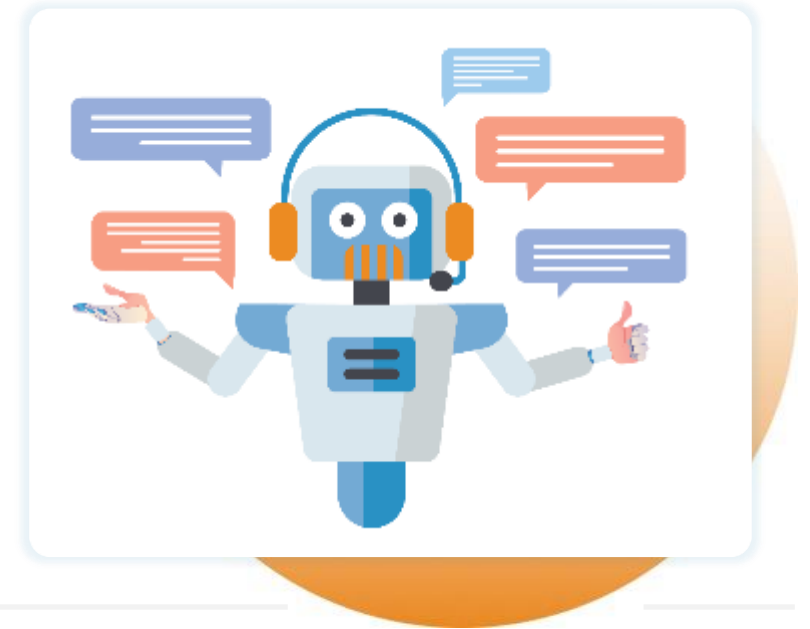- SharePoint JSOM, HTML & CSS

- Angular 7

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Multitenant Service Desk Bot with Human Hand-off

Australia

Retail

Key Features

- Bot handles all possible interaction powered by KBs in Azure QnAMaker Service

- Bot transitions to conversations to real human agent to maximize the end user satisfaction

- Same bot can be deployed to different web sites with the just a configuration change. So a real SaaS Bot

- Human agents has login and chat interface

Technologies

- Enterprise grade SaaS solution

- Human agent hand-off

- Azure Cloud Services - LUIS and QnAMaker

- Web chat interface

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Merge Unlimited SharePoint Calendars into One with Custom Calendar Styles (Tooltips, fonts, colors, text size).

🌎 UK   🏭 IT
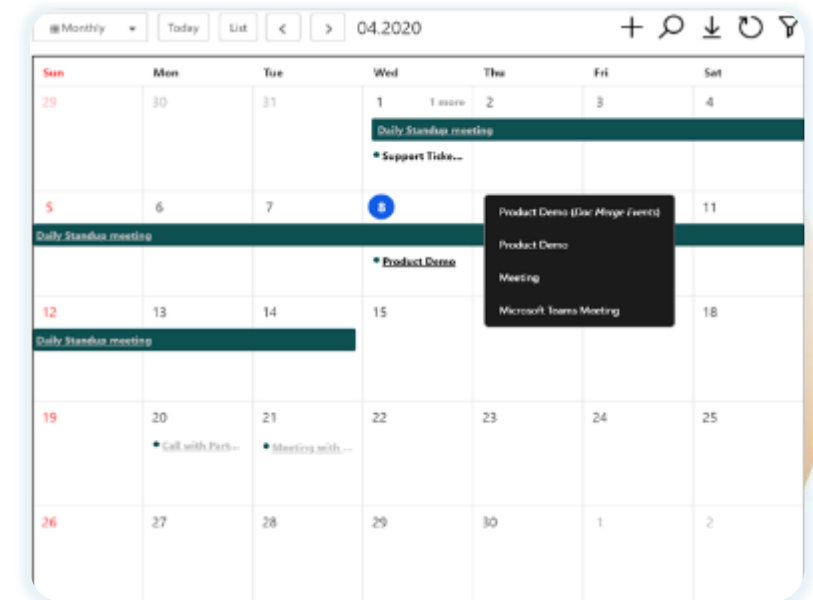
Key Features

- With the easy to use Calendar Hub Builder, you can create Calendars from any selected list and library fields with custom styles.

- The Calendar Hub SPFx WebPart allows you to embed your Calendars into SharePoint pages.

- Works with Modern SharePoint, Classic SharePoint and Microsoft Teams Tabs.

Technologies

- Enterprise grade SaaS solution

- SharePoint JSOM, HTML and CSS

- Azure Cloud Services

- Microsoft Teams

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Performance Management System to improve transparency and automate streamline Permission Management.

USA

HR Intranet
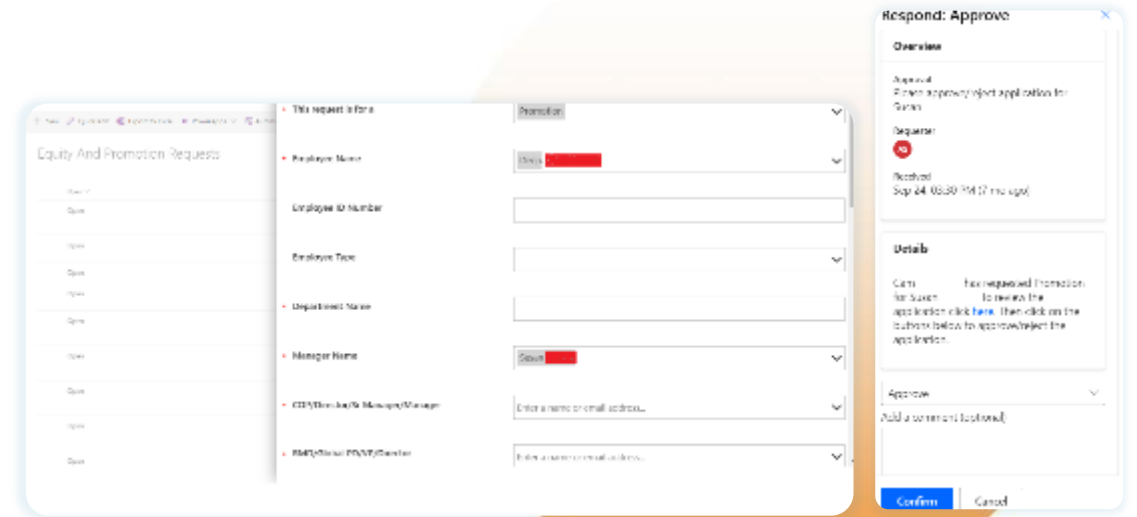
Business Needs

The company used to carry out the appraisals and equity adjustments via emails and excel spreadsheets, which included a lot of follow ups from Human Resource's side and lacked transparency for Manager as to know where exactly the holdup was. We created this system which is enabled by Microsoft Power Apps and Microsoft Flow to automate this process for Manager.

Technical Objective

- Automating the approval process
- Making the submission of the application more easier by loading the next in line approvers from the AD by traversing the organizational structure
- Sending out reminder emails

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Multi stepped process was automated to improve transparency and automate streamline Policy Approval Flow.

USA

Business

CSOM

Business Needs

We leveraged Microsoft Flow to automate this process. The flow took care of the getting the on the fly approvers, managed permission and carried out multi-step approval. There was also a provision of restarting the process if rejected to adjust the policy. Using CSOM we sent out the reminders to the stake holder to start the review process of the policy after a year.

Technical Objective

- Automate the approval
- On the fly assignment of approvers by Administrator based on the nature of the policy
- Send the fortnight reminders
- Reassign the approval if they expire
- Start the review process after a year
- Publish the policy

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Record Aggregator to collect data from multiple sources and displaying using Configurable Web Part.

USA

Intranet
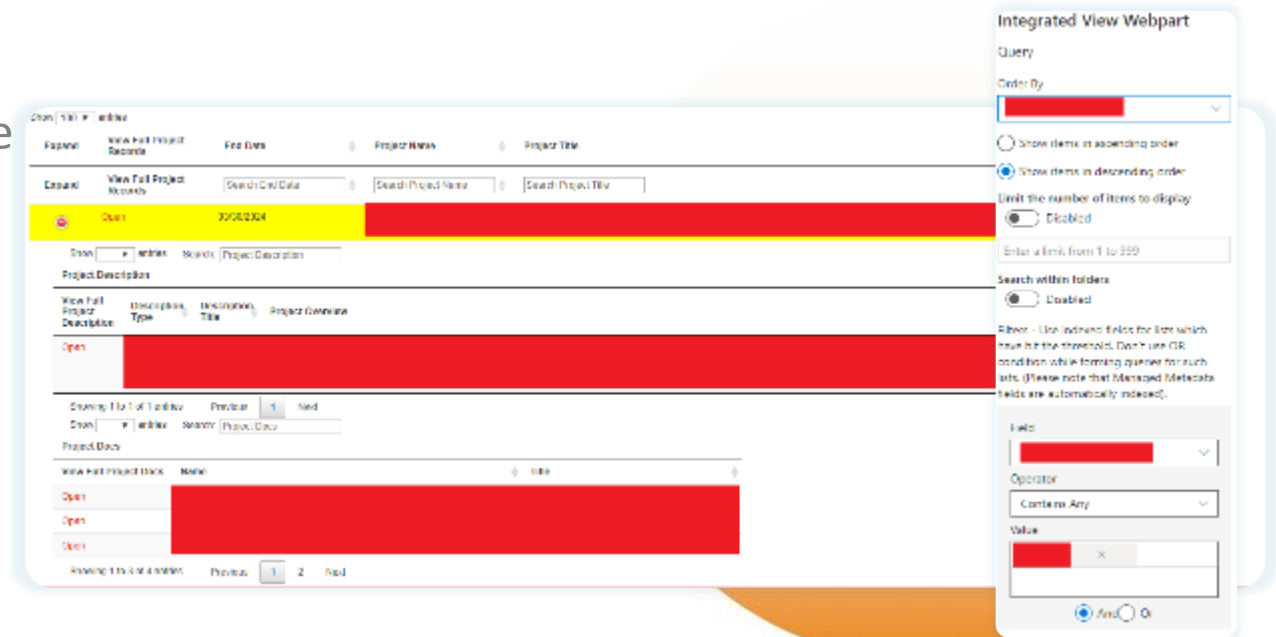
Business Needs

We developed an SPFX webpart using react as framework, so the rendering is fast and does not require post backs. The primary and related data is rendered using jQuery DataTable and the query is run using SharePoint Rest API which. The whole webpart is configurable, that means that it can be run for any entity, any web, the filters and related entities can be defined while configuring webpart.

Technical Objective

- A configurable webpart that can be deployed anywhere, can get data from any site
- An efficient aggregator that can get data from across the lists
- A simple yet elegant way of defining queries and fields that need to be displayed on the screen
- Being able to configure the related lists from which the data would need to be loaded

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Professional Development System for employees to streamline the
Reimbursement and Reconciliation.

USA

HR Intranet
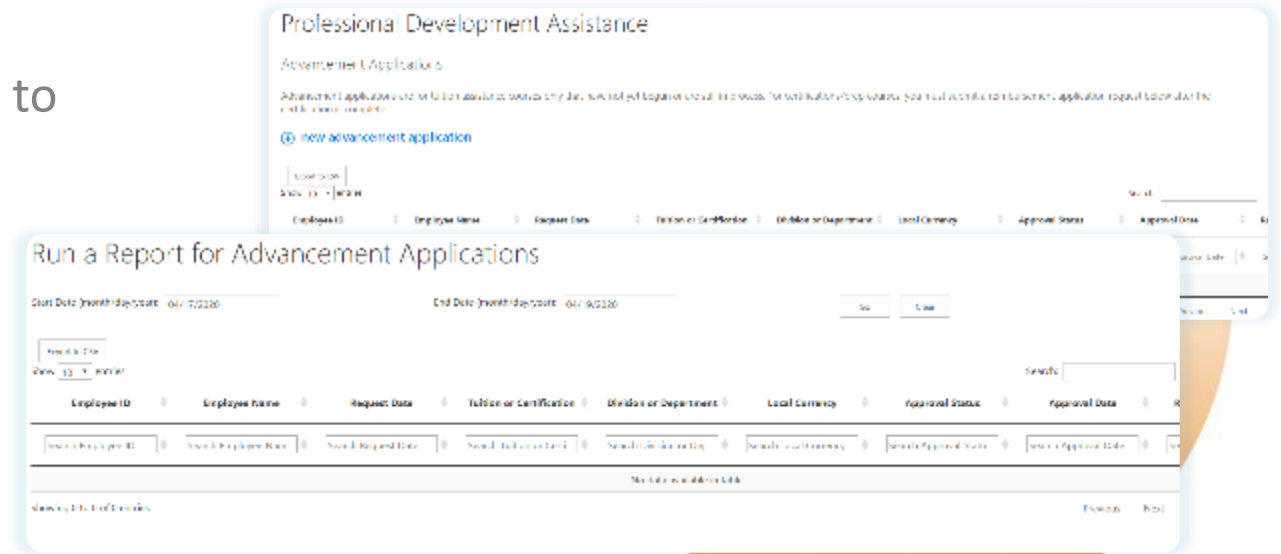
Business Needs

We leveraged SharePoint Hosted App model for the submission of the course and course documents. For the multi-step approval process we used SharePoint Designer Workflow for smooth the approval process. We used jQuery DataTable for showing the reports and later also enabled export of the reports. Furthermore, to send out the reminders for approval and reconciliation we hosted a job written in CSOM.

Technical Objective

- A single page application that takes care of submission of form where advancement, reimbursement and reconciliation applications

- Being able to run and export the reports

- Multi-step approval process

- Permission management

- Sending out reminders

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Automated Accounting Solutions for Transportation and Logistics Services of an Australian Enterprise.

🌐 Australia | 🏭 Logistics
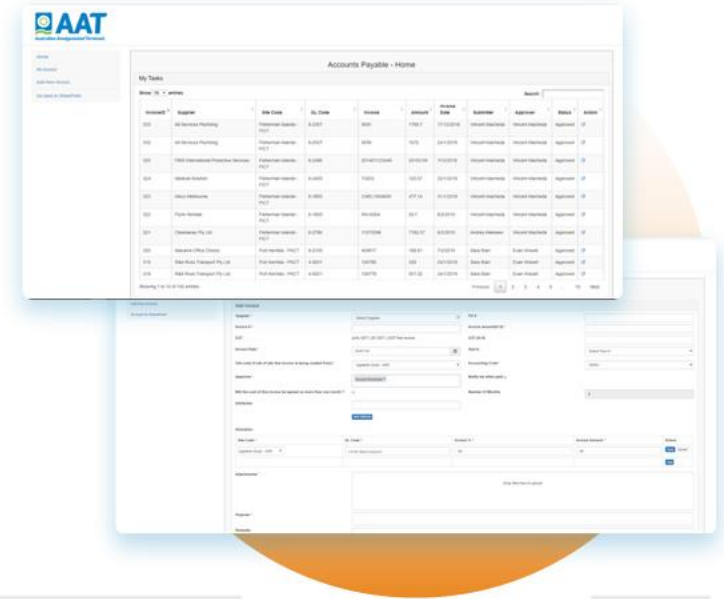
Business Needs

An Automated Account Payable system for filling invoice details with comment adding feasibility.

Accessible to multiple users, Recurring Invoice, Seamless approval cycle, Email alerts and Notifications.

Technical Objective

- SharePoint Hosted Add in.
- SharePoint customized application pages to fill in the data and process the invoice.
- Export the invoice.
- Approval flow for the invoice.
- Email Notifications.

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Incident Management Solutions for **Transportation and Logistics Services** of an Australian **Enterprise.**

🌐 Australia | 🏭 Logistics
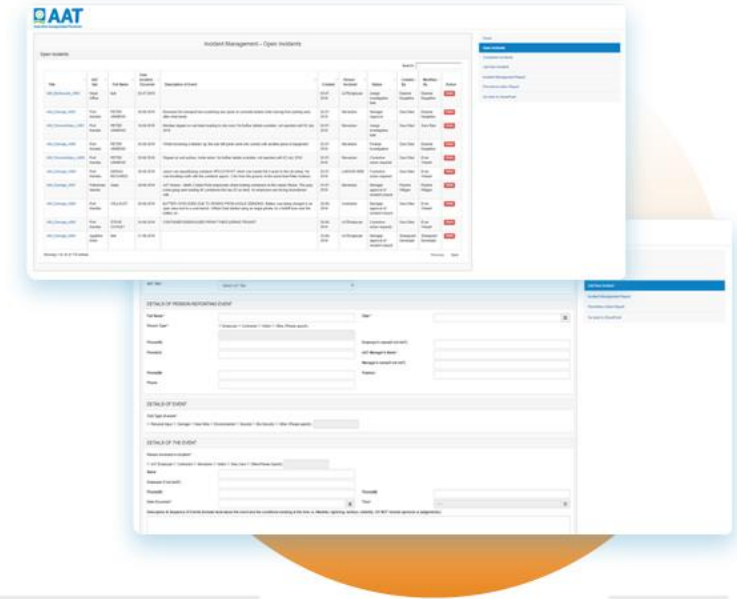
Business Needs

Custom Solutions for incident management with the function of converting InfoPath forms to the module for SharePoint Online.

Effective approval flow for the incident with the rich function of saving attachments.

Technical Objective

- SharePoint Hosted Add in.
- Convert InfoPath forms to the SharePoint Online Application pages.
- Export Records + Save attachments in document library.
- Approval flow for the incident management.
- Email Notifications.
- Recurrence reminder for the pending tasks using Azure job.

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Timesheet Management Solutions for Transportation and Logistics Services of an Australian Enterprise.

Australia | Logistics
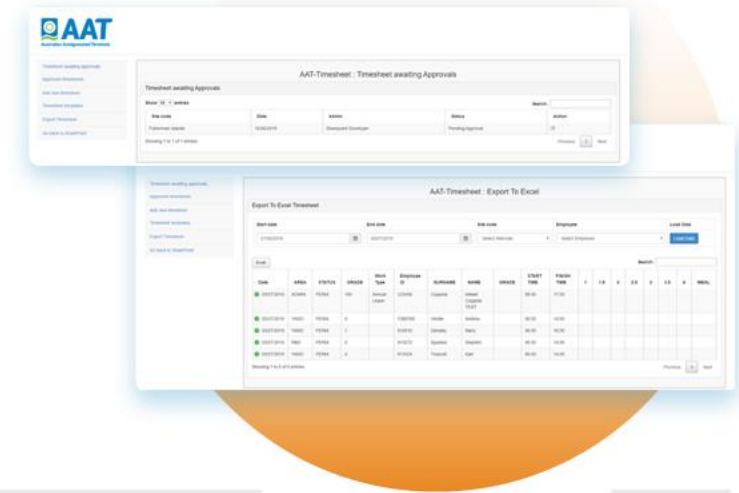
Business Needs

Multiple User's Accessible, Timesheet Management Tool catering Site Admin's, Terminal Manager submission and approval process.

Technical Objective

- SharePoint Add-In.
- Application pages to fill in the timesheet data.
- Approval process for the timesheet entry.
- Export functionality of the timesheet.
- Email Notifications.

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SharePoint Intranet Solutions for Internal **Innovation Fostering** of a Sweden based **Information Technology** firm.
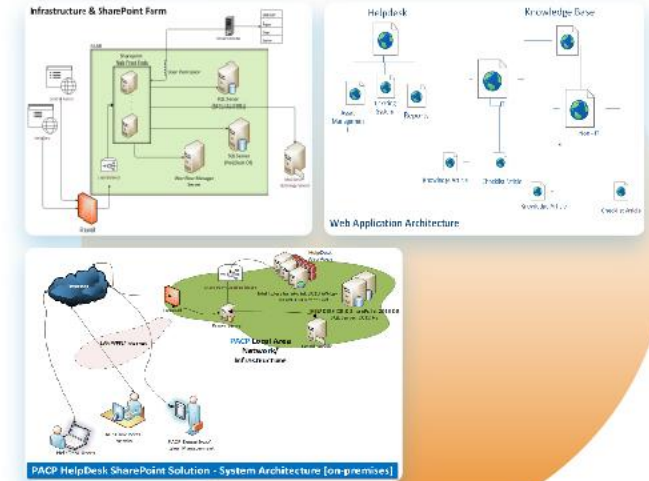
🌐 Sweden | 🏭 IT & ITeS
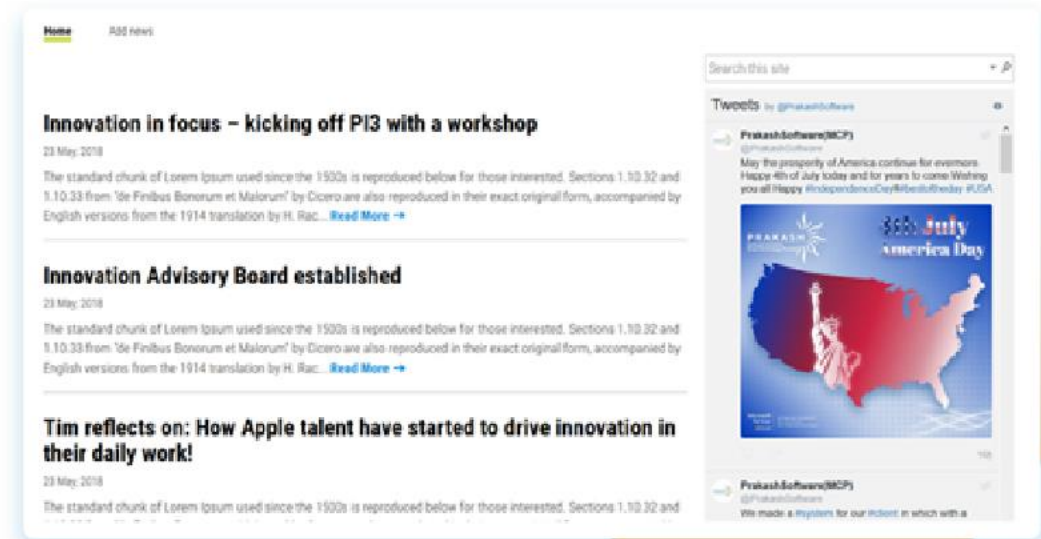
Business Needs

Adaptive + Responsive Designed Intranet.

Driving and Fostering internal innovation through News publications, Dialogs, File sharing features and Twitter Feed.

Technical Objective

• SharePoint branding development using master page and page layout modifications.

• Responsive design using Bootstrap.

• Embedded twitter feeds.

• News publishing and comments feature.

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Solutions **Centered to Customers** for reporting **problems and issues** to the respective department.

Business Needs

It is the mission of the client to provide consumers with the top quality of helpdesk services. A service that provides its consumers with the greatest chance of communicating and reporting their problems to the responsible department.

The new helpdesk system will help the client to achieve the consumer-centric vision of providing fast, convenient and reliable services across all delivery channels.

Technical Objective

• PSSPL was involved in the development and implementation of Ticketing & SLA module of the overall solution.

• PSSPL employed a hybrid delivery model by deploying a resource onsite in Oman and a team of 5 resources working from Offshore in India.
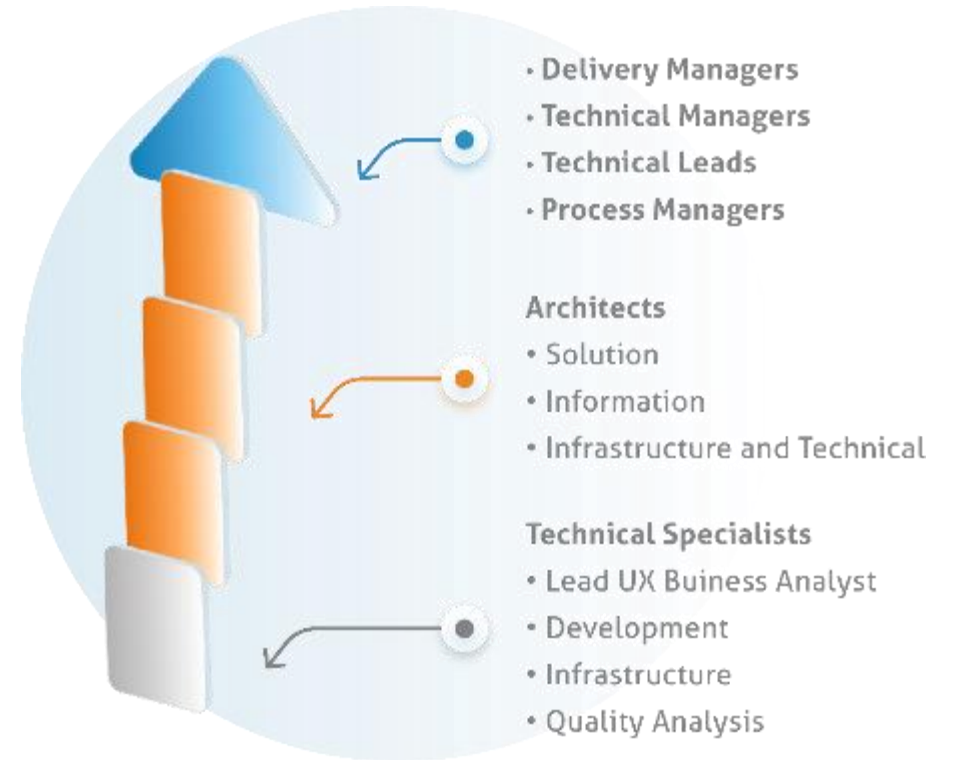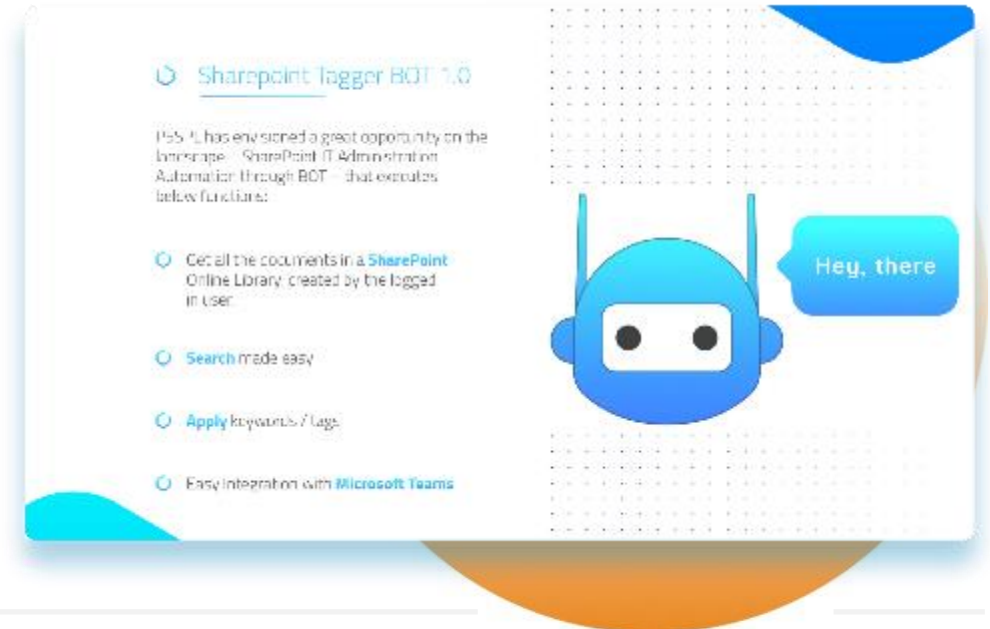
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BOT Development Practice

Microsoft Bot Framework

LUIS (Language Understanding) Cognitive Services, Microsoft Azure

- Delivery Managers
- Technical Managers
- Technical Leads
- Process Managers

Architects
- Solution
- Information
- Infrastructure and Technical

Technical Specialists
- Lead UX Buiness Analyst
- Development
- Infrastructure
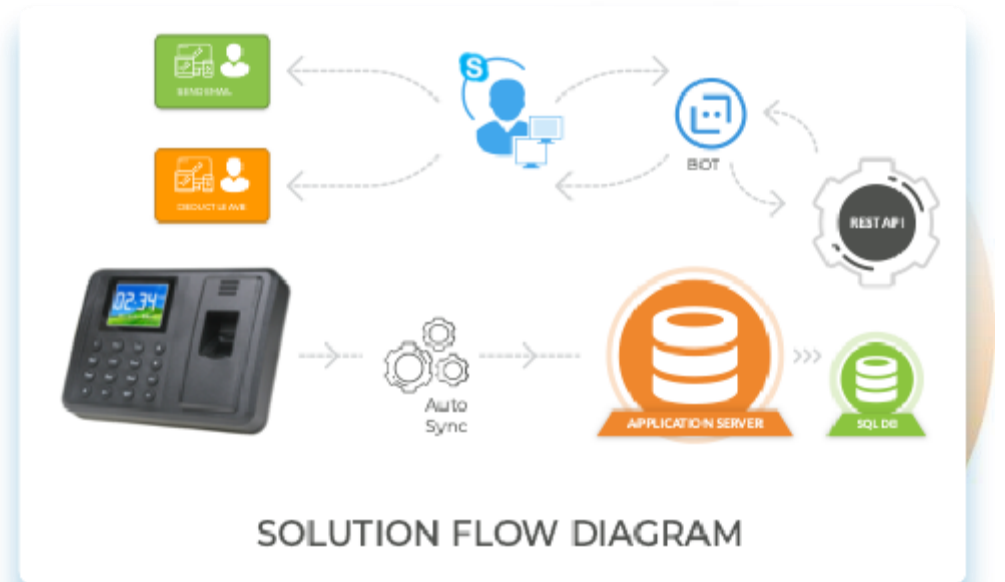- Quality Analysis

SharePoint Tagger Bot

Executed Functions

- Get all the documents in a SharePoint Online Library created by the logged in user.
- Search made easy.
- Apply keywords / tags.
- Easy Integration with Microsoft Teams.

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Time Officer

Bots

SOLUTION FLOW DIAGRAM

Business Needs

Implement a 'LATE COMING MANAGER BOT' – that responds to a command by HR with list of members who have punched in late and yet not processed by HR, with list of Thumbnail Cards for each member with possible actions for HR to operate.

To facilitate accurate data for bot, implement 1 - auto sync of punch machine to OnPrem database 2 - API that returns the late coming members data from database to Bot.

Benefits

- Up to 12 times reduction in time consumption of HR member to process late comings.

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Transforming Boring FAQ's into,

Engaging Chat bots

Business Needs

A 24 / 7 Chat Bot, to answer staff's question automatically by understanding natural

language plus reduce the ticket volume to the HR department.

Admin should be able to train Bot with extra utterances of questions plus add

additional FAQ questions easily.

Technical Objective

• Chatbot developed using Microsoft Bot Framework.

• Azure LUIS used for Natural Language Processing.

• Azure QnAMaker as FAQ database.

• Azure LUIS intent and utterances to train Bot.

• Built on top of robust Azure Cloud Platform to ensure uptime and reliability.

• Customer satisfaction measured to enhance FAQ database further.

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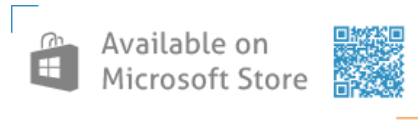
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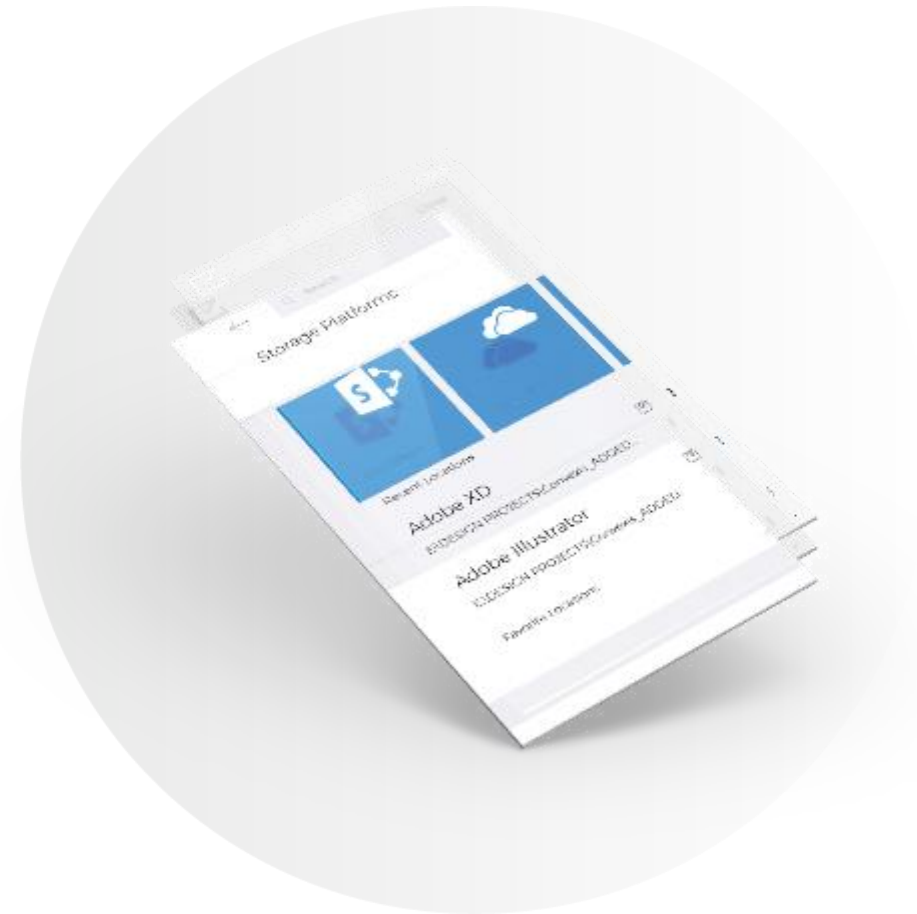www.proapps365.com
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Email 365

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Microsoft Store

Curate, Store and Share your Documents from Email.

> View All Attachment for email thread in outlook.

> Perform Search and filter on attachments.

> Copy any number and size to any SharePoint or OneDrive Location.

> Mark location as favorite for ease accessibility and centralized locations.

> Get migrated attachment location which can be copied and past on a new email item.
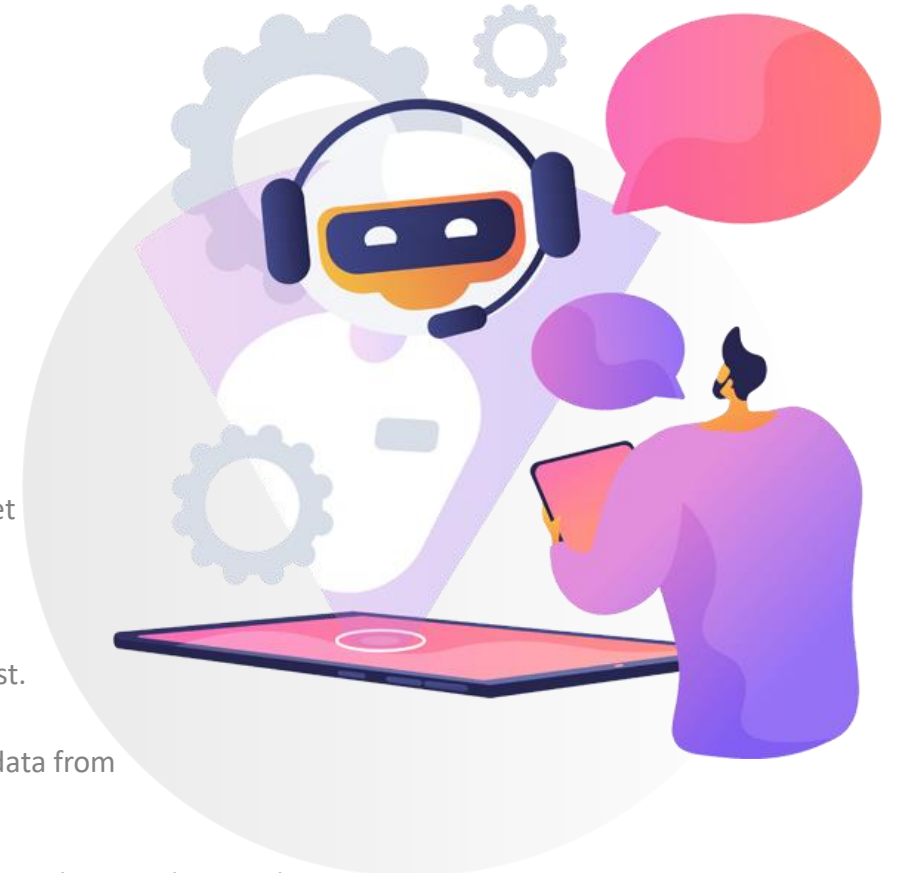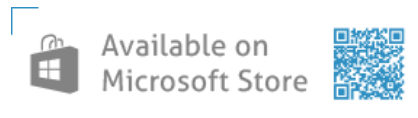
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Microsoft Teams Bot - @TellMe 365

Available on Microsoft Store

Chatbot deployed on MSTeams channel and in SharePoint

@TellMe... a revolutionary BOT for Microsoft Teams that uses the power of artificial intelligence and the Microsoft GRAPH to collect and relay information from within Microsoft 365 products. @TellMe can also simply be configured to use a preset data source in order to provide prompt responses to any business-related question. You decide!

> We've created a chat bot by using MS bot framework and Deployed In MS Teams.

> In the backend to start with we've used graph API to get the response of various modules.

> The chat bot will identify each tenant uniquely and process the request based on the tenant id

> We have created custom Adaptive UI Cards

> We've used MS Teams library in chat bot to get the teams context in code
The module names which are supported and their end points will be stored in SharePoint list.

> In the back end the chat bot will process the data from configuration table based on the tenant id.

> There would be one admin centre where user can login and setup the SharePoint list URL's where the configuration data is stored.

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Counting Cloud

Available on Microsoft Store

Leverage wall-to-wall, ad-hoc cycle counting for real time stock insights

> Create wall-to-wall, ad-hoc or cycle counts for your stores.

> Count your in-store stock

> Monitor counting at your stores

> Validate counting data automatically

> Get migrated attachment location which can be copied and past on a new email item.

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Cloud MRO

CloudMRO365

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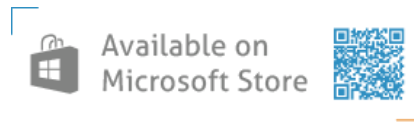
A Versatile System for Commercial **Air Crafts MRO Operations**

› Dashboard presenting key insights related to maintenance Task, jobs and work orders

› Admin module to configure and govern the system app flow

› Supports different users i.e. Admin, Managers, Engineers and Customers

› Android Tablet App for engineers to log their tasks – Managers can review real-time
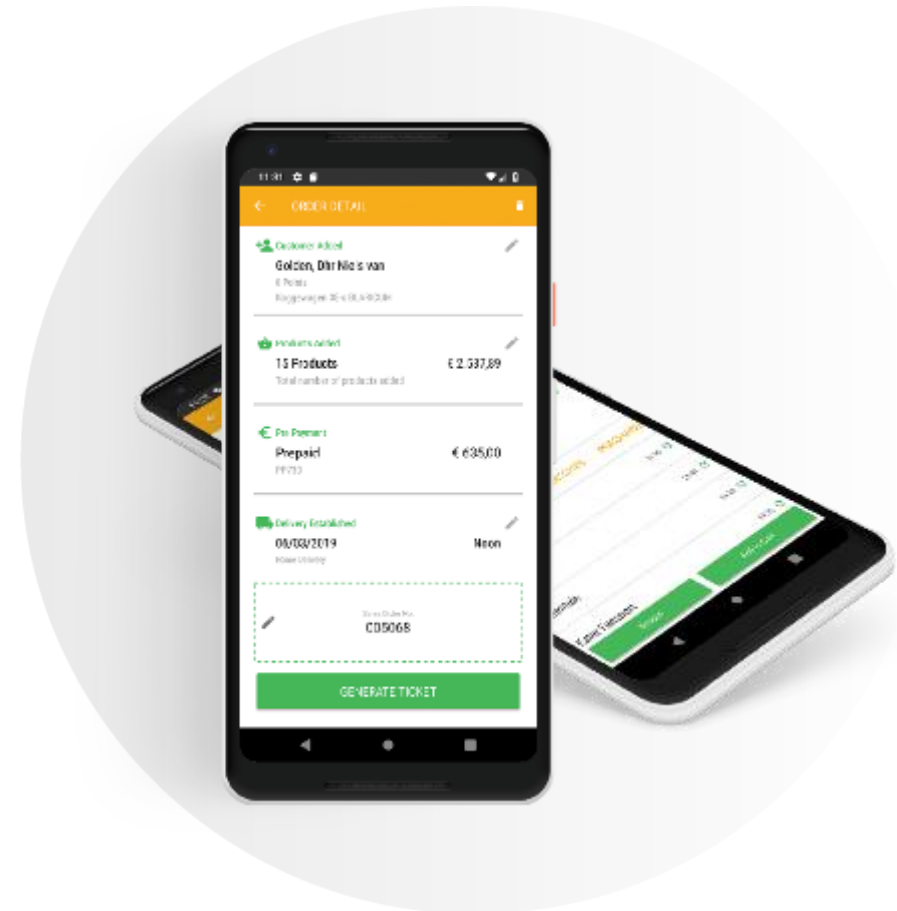
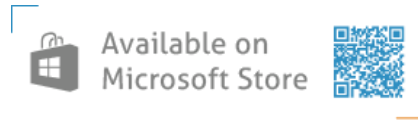› Works in offline mode and syncs in real time when online

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Store App

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Microsoft Store
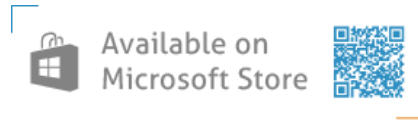
Provide Actional Insights to your employees with
Store App

> Dashboard presenting key insights related to maintenance
> Task, jobs and work orders

> Admin module to configure and govern the system app
> flow

> Supports different users i.e. Admin, Managers, Engineers and
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> Android Tablet App for engineers to log their tasks – Managers can
> review real-time

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Effective + Unified Cloud Based Document Review Manager

> Add Document record irrespective of where your document is

> One-stop Dashboard for all your documents anywhere practically

> Documents would have validity days and would hyperlink to actual document

> Dashboard displaying following KPI and changes

> Recent activity, Free text searching or records and intuitive review features

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with it's Product Development Life Cycle expertise in Managing, Developing and Designing User-Centric Apps and Software.

Modern Technology

Cloud Solutions

Collaborative Solutions

Enterprise Mobility

Thank You

Our teams are dedicated to innovating with IT and redefining solutions for customer excellence.

We Are And Remain Smart Technology Provider