

INNOVENTIX

SOLUTIONS



PowerApps Showcase

Recognitions



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INNOVENTIX SOLUTIONS

About Us



We are a team of experts dedicated to delivering top-notch Cloud solutions to clients worldwide. With over 16 years of extensive experience in Microsoft 365 Consulting, we excel in a multitude of technologies, including SharePoint Consulting, SharePoint Migration, SPFX Development, PowerApps Development, Power BI Consulting, and Power Automate. Our track record speaks for itself, as we consistently exceed client expectations by providing unparalleled solutions within designated timelines. Client satisfaction isn't just a goal; it's our unwavering commitment.

Partnership Spotlight



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Daikin (RMA Forms Portal)

About This Project

Digitalizing various department approval process, vendor quotation for transporting Goods, Customer Master Data Changes, Handling Return Goods by Customer and Cheque Issuance.

PROBLEM

The primary objective of this project is to digitize four distinct forms: Credit Note, Goods Return, Manual Journal, and Open Account Invoicing. Each form necessitates a unique approval matrix, whereby approvals are directed to specific individuals based on the matrix, request reasons, and particular scenarios, all contingent upon the form type.

SOLUTION

SharePoint serves as the backend data source for this project, with both a SharePoint Site and lists established. PowerApps acts as the frontend interface, while Power Automate handles backend processing. Forms UI, complete with functionalities and validations, is constructed within PowerApps to meet project requirements. Approval flows are established using Power Automate. A feature is implemented in Power Automate flow to skip the approval of an approver if they have already responded to a particular request. Azure security groups are utilized to manage list permissions, restricting access based on user levels.

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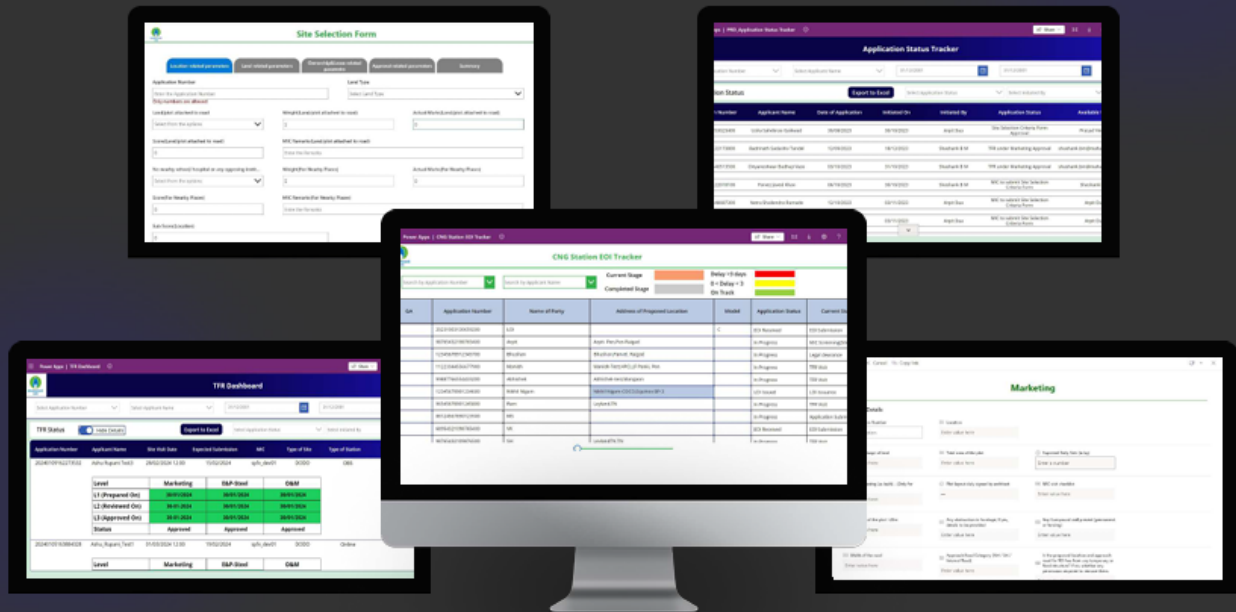
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Mahanagar Gas Limited



MGL (Franchise Portal)

About This Project

Digitalizing LOI Internal Approval process to issue License for Opening CNG Station in a proposed location.

PROBLEM

The main objective of this project is to digitalize the LOI Process Flow. It includes the processes of Marketing, E&P CNG, Legal, E&P Steel, O&M, E&P Civil, Security, Finance and Revenue & Tax departments. LOI process flow includes multi level Approval process with sent back feature that involves people from different departments for LOI Issuance.

SOLUTION

The project utilizes SharePoint as the backend data source, with custom list forms created using JSON. Approval flows are built using Power Automate, featuring the ability to send back for revisions. Upon approval completion, form data is converted into PDF format via Power Automate flows. Azure security groups manage list permissions based on department and user levels. Additionally, PowerApps are employed to develop CNG EOI Tracker and Application Status Tracker applications for tracking application statuses.

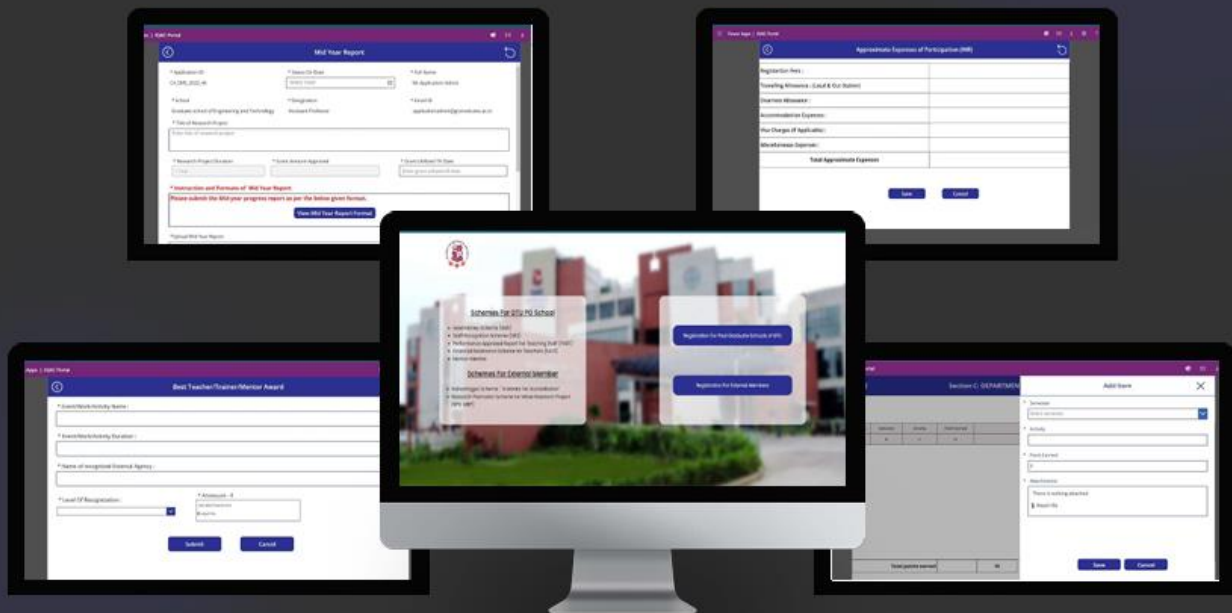
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GTU (Student Faculty App)

About This Project

Created 3 Canvas apps in PowerApps namely, Admin Portal, Faculty Portal and Student Portal. In Faculty Portal, faculty can add various technical activities, can upload different types of forms and can download their own resume. In Student Portal, Students can add certificates, scholarships, download different forms like Undertaken forms & enclosure forms, can add placement details, can add new MOOC/Certificate details, Internship details, can upload Job Offer letter, can add an interest in any new job/internship posted by admin. In Admin Portal, admin's role is to approve or reject the data that faculties and Students request to add or to edit and admins can also generate report based on different filters and can download it in excel format. Admins can post new job/internship for students.

PROBLEM

Client wanted that the faculties and students can register themselves that is fill registration form as an anonymous person which will be one time registration. In Microsoft platform, it is possible to fill the form anonymously using MS Forms but client also wanted to add some validations to the form controls which is not possible in MS Forms. We cannot add validation in MS Form controls like date validation, number digits limit, etc.

SOLUTION

We created registration forms using HTML, CSS, JavaScript and jQuery and then connected it to Microsoft SharePoint using Rest API. So, faculties and students can fill registration form as an anonymous user which is one time registration. When students and faculties submits registration form, approval request is sent to admin. When admin approves the request, students and faculties get a mail with credentials and link to the portal.

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GRI (SWOT Analysis)

About This Project

The client is GRI Worldwide Medical Equipment Manufacturer firm. They Provide medical equipment. For the creating this SharePoint site and their sub-sites using the Hierarchy sent by client. In that hierarchy they want main site for all access and in that they want GRI platform services. Also, they want Region wise Sub-sites 1) The Americas 2) Europe & IMEA 3) Asia Pacific. In that they want Time Zone based on region Document Management for all sub-sites. Events web parts. Quick links for the Different dept and Different sub sites and also make activity planner and project contacts for the same.

| PROBLEM

The main challenge we faced when it came to designing responsive forms and implementing priority-based percentage entries. A non-responsive form may appear distorted or may not display all fields correctly on different devices, leading to a poor user experience.

| SOLUTION

To solve this issue we Implement responsive design patterns like grids, stacks, and adaptive controls to optimize form layouts for different devices. We Clearly define and document the rules and criteria for priority-based percentage allocations to solve the priority-based percentage issue.

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IBAUGE



Ibauge (Construction Projects Tracking)

About This Project

Ibauge ConDo is an application created in PowerApps that can document the construction progress with pictures, videos or by creating new thread. In this application, Project Manager creates a new project site and then the selected Project Team Members can capture images, can Bulk uploads images as well as video , can create new thread & assign tasks to the user present in the related project. This application also allows users to add chat messages and create threads of chat messages (like in bulletin boards). All the users can view the project summary that he has been selected in and also he can view top 20 recent uploads and top 20 recent chats and threads.

PROBLEM

Client wanted to document the construction progress with pictures, possibly videos or creating new threads but this was causing a lot of work, since storage was relatively unstructured: images were exchanged in WhatsApp groups, similar documents were in different directories on the server because there were no Meta tag.

SOLUTION

To overcome the above problem, Innoventix solutions created a simple, stylish PowerApps to upload the photos/videos in a structured way by providing them with the necessary attributes so that one understands where the media document is created, what it shows and what needs to be done with it (is it an error, a proof, a question ..)

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Leave Management App

About This Project

The Leave Management App, built using Power Apps, provides employees with a platform to manage their leaves effectively. Upon logging into the app, employees can view their available leave balances and submit new leave requests as needed. When an employee submits a leave request, it is automatically forwarded to the HR department via email for review and approval.

PROBLEM

During the development of the Leave Management App using Power Apps, one of the significant challenges we encountered was occasional failures in processing leave requests or issues in forwarding requests to the HR department.

SOLUTION

We created we started to Monitor the email service used for sending notifications to identify and resolve issues related to delivery failures or delays.

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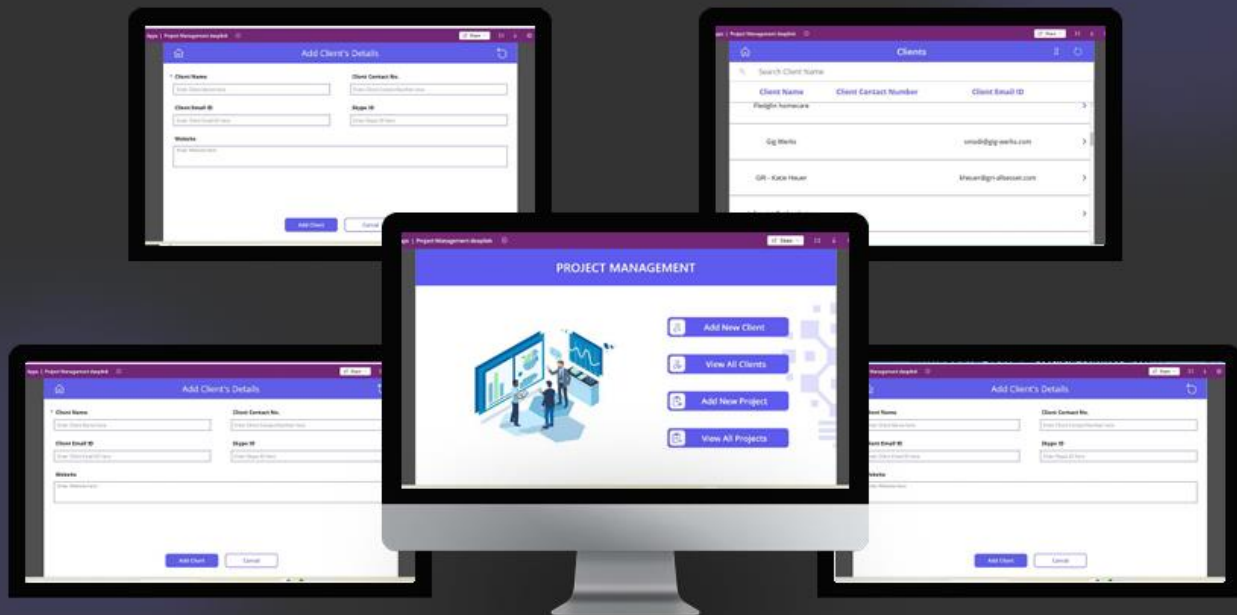
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Project Management App

About This Project

The project management application created with Power Apps provides an efficient solution for handling multiple projects. Users can easily input and manage various project details, including client information. The application displays comprehensive client profiles along with detailed project information. When adding a new project to the system, users are required to fill out essential details such as the project name, start date, end date, budget, and status. This structured approach ensures that all necessary information is captured accurately, facilitating better project tracking and management. Overall, the Power Apps-based project management app is designed to enhance productivity and organization by centralizing project information and offering intuitive tools for efficient project management.

PROBLEM

During the development of the Project management App, one of the primary challenges we encountered revolved around managing the start and end date-time entries for tasks. The issue arose from the possibility of users forgetting to stop the timer once they initiate a task. This oversight could lead to the timer running continuously, inaccurately recording time and potentially counting a full 24-hour period for a single task.

SOLUTION

To solve this issue we implemented intuitive timer controls with visual indicators to remind users to stop the timer once a task is completed. Use notifications or alerts to prompt users to confirm task completion.

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