LATEETUD

2023

CASE STUDY

Automated Covid data submission to HHS

Business Impact

>$1.5M	>12,600	<5 min
saved over the capital life of the project	man-hours saved annually	per submission

About the Customer:

The customer is one of the largest post-acute hospital chains in the country. With over 60 facilities nationwide, they are a leading rehabilitation partner delivering superior clinical outcomes for the nation's sickest patients with the most medically complex conditions. They incorporate innovative solutions and strong partnerships that create a positive patient experience and deliver the right care at the right time. Capturing key metrics to track the performance of its facilities is a major focus area for the customer.
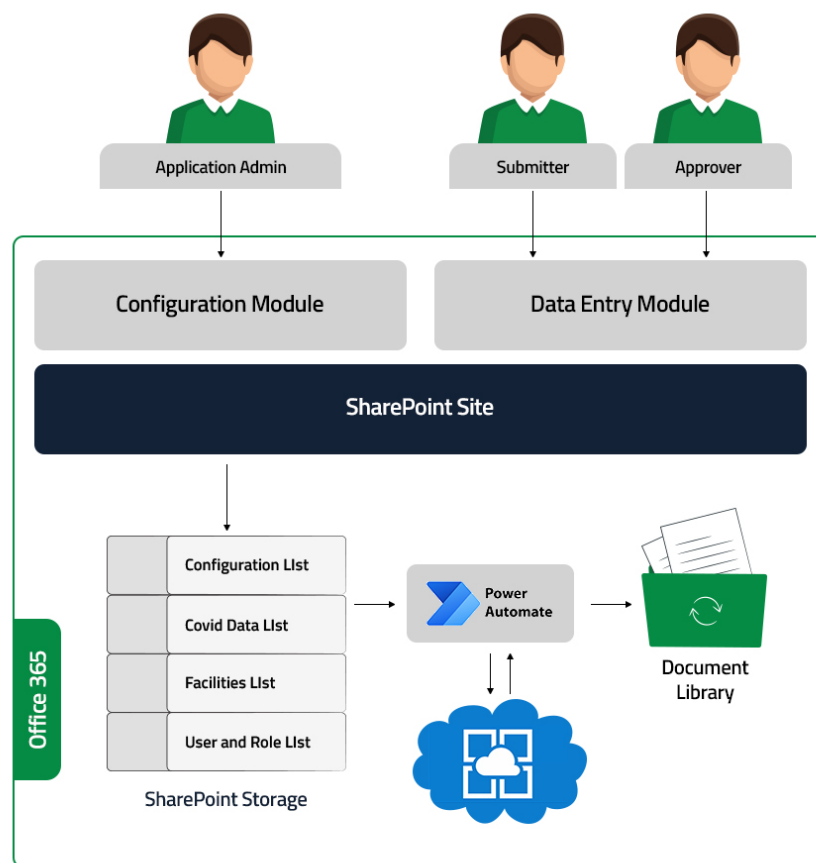
Challenge

The customer has over 60 facilities nationwide. Each day, every facility needs to track 100+ COVID data elements such as the number of ICU beds occupied, ventilators available, number of positive confirmed patients and so on. The customer has 120 dedicated employees to enter this data across all 60+ facilities in excel templates, aligned with the prescribed format from the HHS (Health and Human Services). This data must be recorded daily at each facility by the submitters, reviewed by approvers, consolidated into a single sheet and uploaded to the HHS website. Manual data entry involves a lot of man-hours, is highly time consuming, error prone and often, the formats do not support generation of reports or statistical analysis.

The Solution

Lateetud developed a Microsoft Power Platform and SharePoint-based workflow solution that accepts data entries from the submitters and subsequently conducts automated data validations. The collected data is then automatically routed to approvers after which a consolidated excel file, compatible with the HHS format, is created.

The second part of the solution is a power-automate workflow that reads and extracts the data from inventory spreadsheets and updates this into the Submitter form. This inventory data is also part of the final excel sheet submitted to HHS.

Benefits

➢ Completely automated system avoids human error in data entry
➢ Time saved for user to do more meaningful work
➢ Persistent data in SharePoint Database accessible for various reports. This allows the admin to view how many facilities have submitted their data entries against those that have not submitted, at any time.
➢ The system can be designed to send alerts to those facilities that have pending submissions.

Business Impact

- **12,600 man-hours saved annually**
- **$1.5Mn saved over the capital life of the project.**
- **Time for processing and submission reduced to 5 minutes per facility from 30 minutes to do it manually.**
- **Zero errors**
- **New format allows admin users real-time tracking and to create analytical dashboards.**

LATEETUD

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