DigPacks
NHS Power Platform Use-cases

The following slides will describe some of the solutions we have built for the NHS using the Microsoft Power Platform…

Asset Booker Application

DigPacks Asset Booker is a user-friendly PowerApp designed to simplify the booking process for various assets, including desks, meeting rooms, and more. With DigPacks Asset Booker, users can easily browse available assets and make a booking with just a few clicks. The app streamlines the process by providing real-time availability information and allowing users to view asset details such as location, capacity, and properties. The app's intuitive interface and customisable features make it a valuable tool for organisations looking to optimise their asset booking processes.

Problem

- 3 x FTE to manage bookings
  - Desks
  - Parking
  - Rooms
- Mange staff returning to work
  - Pandemic
  - Quarantine
- Utilisation of resources
- Manual approval process

Solution

- Teams based application
- Defined Power App solution
  - Supervision App
- Created app design
  - Wireframe
- Agile development
  - Customer engaged
  - Functions tested

Benefits

- Reduction in staff to manage bookings
- Increased pandemic safety through effective allocation of space
- Better collaboration when office based
- Staff enabled booking
- Better forecasting of building resources
- Effective utilisation of resources and reduced costs

Asset Booker Application

Asset Booker Application

Asset Booker Features	Description	
Book any asset type	Book any asset – desks, meeting rooms, car park spaces, specialist equipment etc.	✓
Create and book any time period	Set up assets to be booked every hour, by the morning, afternoon, you decide!	✓
MS Teams integration	Get notified of your bookings via Microsoft Teams adaptive cards	✓
Approval Assets	Configure specific assets to require an approval after booking	✓
Manage your booking	View historic and upcoming bookings from the My Bookings screen – cancellation of one or many bookings	✓
Book for visitors	Book assets on behalf of colleagues and visitors	✓
Check-in/check-out	Ability to check in	✓
Set desks aside	Temporarily stop assets from being booked – e.g. to enforce social distancing	✓
Upload your floorplan	Upload your own and bespoke floorplans into the application, allowing users to visualise what/where they are booking	✓
Interactive floorplan	Your own custom floorplans have clickable areas so your users can click the floor plan to select assets for booking. Click the floorplan to select assets for booking	✓
Search	Full search capability to search for people, their bookings, or specific properties of assets	✓
Capacity indication	Configure each asset by its maximum capacity to allow for capacity information.	✓
Mobile app	The Asset Booker will work in teams on your desktop device or a mobile phone	✓
Configurable book ahead period	Configure the number of days ahead you wish to allow bookings to be made	✓
Booking reason	Configure whether you would like to obtain reasons for booking an asset at the time of booking	✓
Site information	Upload location information against a floorplan so that users are aware of any key information about this location prior to attending	✓
Branding	Configure the application to integrate with your corporate branding	✓
Allocated users only	Allow only specific users to book specific assets	✓
Terms and conditions	Specify whether you wish users to accept your terms and conditions prior to using the application, or re-accept upon terms and conditions update	✓
Group bookings	Group assets together so that a single booking can be made against multiple assets within the group whilst optionally assigning those bookings to specific individuals	✓
Repeat booking	Select to book your asset for the same day(s) between a start and end date	✓
Multiple user types	Application administrators, group bookers, standard users	✓

SOP App

DIGPACKS
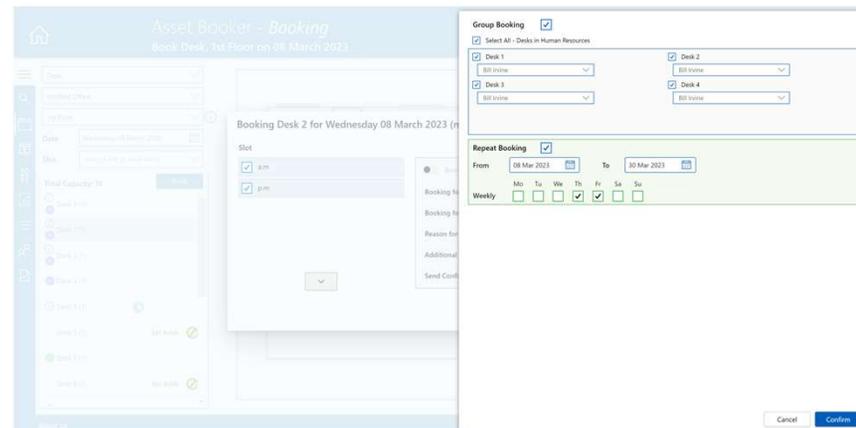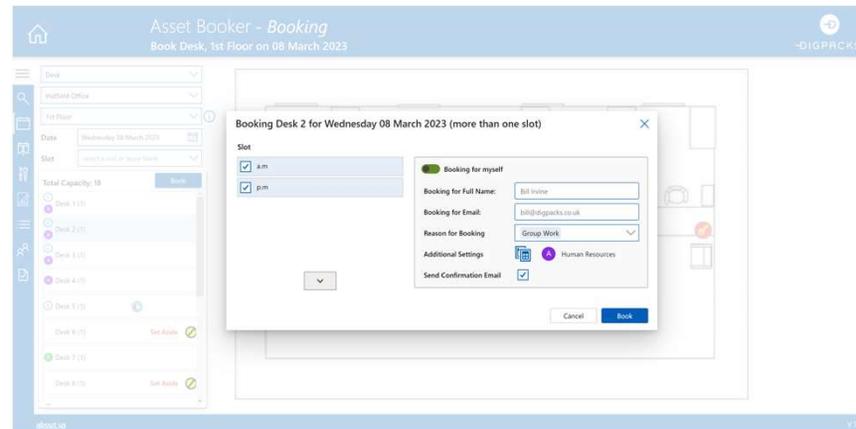
The Standard Operating Procedures (SOP) Management PowerApp is a powerful tool designed to streamline the creation and administration of SOPs. The app allows users to create and manage SOPs through a user-friendly interface, providing real-time access to up-to-date SOP information. The app's customizable features make it easy to tailor SOPs to the specific needs of the organization, ensuring SOPs are followed consistently across all departments. The app also allows users to track SOP compliance, send notifications for updates or revisions, and automate review processes. The Standard Operating Procedures Management PowerApp can help organizations save time and resources, increase efficiency and consistency, and improve compliance with regulatory requirements.

Problem

- Cannot easily find the most up-to-date SOP
- Unable to view who has viewed a SOP
- Unable to view who is responsible for a SOP
- Difficult to change processes and information written within a SOP
- SOP's are located in a variety of online locations, some are out of date

Solution

- Problem assessment
- Defined Power App solution
  - SOP App
- Created app design
  - Wireframe
- Agile development
  - Customer engaged
  - Functions tested

Benefits

- A single application where users can search for a SOP via tags, or keywords within a Document
- Full metadata on SOP
- Users can easily find steps required to do their role
- Full audit on users who have/have not viewed SOP steps.
- User friendly and intuitive Power App

SOP App

E-Observation Application

DIGPACKS

E-Observations is an advanced PowerApp that streamlines the process of recording and monitoring patient observations for clinicians. The app is designed to work seamlessly with PARIS, a Patient Management System, through an API. This integration allows clinicians to access patient information, input observations, and view patient history within the app. E-Observations simplifies the process of capturing and analysing data by providing real-time monitoring, automatic alerts, and customisable observation templates. Clinicians can quickly and easily record and track observations, enhancing patient care and reducing the risk of errors.

Problem

- Taking patient observations – highly manual process
- Used pens and paper, clarity of notes
- Patients had different observations schedules
  - no notifications
  - Frequent delays
  - Risk to patients
- Manual process repeated every shift change by clinicians
- Manual update of Patient Management System with observation notes at end of every shift

Solution

- Problem assessment
- Defined Power App solution
  - e-observations
- Created app design
  - Wireframe
- Agile development
  - Customer engaged
  - Functions tested
- Integrates with Patient Management System
- Delivered in 26 days

Benefits

- 90% reduction in time taken to log observations
- Increased accuracy of notes due to application text not freehand writing
- Reduced loss of patient notes
- Reduced risk to patients with observation notifications and reminders
- Full reportable audit history of observations
- Realtime updates of Patient Management System
- Greatly reduced effort at shift end and handover

E-Observation Application

ESR Staff Request Application

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The Staff App PowerApp is a user-friendly application that empowers users to request changes to their data held in ESR (Electronic Staff Record) with ease. The app simplifies the process of requesting data changes, allowing users to submit requests quickly and efficiently through a user-friendly interface. This app reduces the administrative burden of manual data entry and ensures data accuracy by allowing users to directly request changes to their records. The app provides real-time status updates, allowing users to track the progress of their requests, and helps organisations maintain compliance with data protection regulations.

Problem

- ESR is difficult to use
- There is a payable license cost to use ESR
- Staff unable to see real-time updates of the status of their request
- Too many different forms to complete to process change requests

Solution

- Problem assessment
- Defined Power App solution
  - Staff App
- Created app design
  - Wireframe
- Agile development
  - Customer engaged
  - Functions tested
- Integrates with ESR
- Delivered in 26 days

Benefits

- A single application which staff can use to initiate change requests of information held in ESR.
- Full audit history, for both management and requestor
- Clear tasks assigned to relevant stakeholders
- Transparency and the ability to report on change requests
- User friendly and intuitive Power App

ESR Staff Request Application

Supervision App

The Supervision PowerApp is an essential tool for clinicians who need to record supervisions that have taken place. This app streamlines the process of recording clinical supervision sessions, allowing clinicians to easily log important details such as the date, time, duration, and discussion points. The app's user-friendly interface and customisable features make it easy to use, allowing clinicians to quickly record and review supervisions. The app provides real-time monitoring and alerts, ensuring that all required supervisions are recorded accurately and on time. The Clinical Supervision Recorder PowerApp can help organisations ensure compliance with regulatory requirements and improve clinical supervision processes.

Problem

- Managers time for supervisions
  - Risk to patients
  - Workforce compliance
  - Management sign off
- No formal log of supervisions
  - Scheduling
  - Reporting
- Paper based, lacking standards
- Volume of documents required
- Lack of actionable information
- HR time wasted in chasing managers

Solution

- Problem assessment
- Defined Power App solution
  - Supervision App
- Created app design
  - Wireframe
- Agile development
  - Customer engaged
  - Functions tested
- Delivered in 7 days

Benefits

- Scheduled supervisions
- Easily see and manage supervisions required
- Reduced time and effort in completing supervisions
- Reduced effort for HR in chasing
- Standardised and streamlined process
  - Faster completion
  - Digital sign off
- Full audit logs for compliance

Supervision App

Vaccine Hub

The Vaccine Hub PowerApp is a powerful tool that allows users to book themselves for different types of vaccines, such as COVID-19, flu, and more, at their preferred time and location. The app streamlines the process of booking vaccinations by providing users with real-time availability information and enabling them to select the type of vaccine and location they want. The app also records historical vaccination data, providing users with a comprehensive view of their immunisation history. The user-friendly interface and customisable features make it easy to use, helping organisations manage vaccine administration more efficiently. The Vaccine Booking PowerApp can improve vaccination rates and help organisations stay compliant with public health guidelines.

Problem

- Flu Vaccinations - Highly manual process
- Taking 300% of target time
- X3 FTE to manage bookings
- Clinician time not optimised
- Missed costly appointments
- Costly Administration errors
- Rapid solution needed
  - <8 weeks

Solution

- Problem assessment
- Defined Power App solution
  - Vaccination Hub
- Created app design
  - Wireframe
- Agile development
  - Customer engaged
  - Functions tested
- Delivered in 8 weeks

Benefits

- >90% vaccinations within target time
- 200% increase in vaccinations
- 90% Reduced administration effort
- 50% reduction in clinician time
- Reduced missed appointments/cancellations
- Scaled to support other vaccination types

Vaccine Hub

Alert Application

The Alert PowerApp is a powerful tool used by social care workers to log incidents that may have occurred at a particular address. The app streamlines the process of logging incidents by providing a user-friendly interface that allows workers to quickly record important details such as the date, time, location, and description of the incident. This information becomes viewable by any social care worker that performs a search against the address, providing valuable backup information for their safety.

Problem

- Social worker home visit safety
- Notification of potential issues
  - Missing safety history
- Allocation of support and safety resources
- Legacy application being used
  - No support
  - Risk of failure
  - Static functionality
  - New app required

Solution

- Create new application
- Defined Power App solution
  - Supervision App
- Created app design
  - Wireframe
- Agile development
  - Customer engaged
  - Functions tested
- Delivered in 12 days

Benefits

- New supported application
  - Ability to update
  - Add functionality when required
- Information available ahead of visits
- Ability to record and share safety information
- Document integration and sharing
- Increased safety for social workers

Alert Application

Further use-cases available – contact us on

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