

## Power Apps/Automation

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## Power Apps

Power Apps is a Microsoft automation tool already in use and available across the NHS.

It contains artificial intelligence features to allow users to access templates and build applications without specialist technical knowledge.

You can connect the tool to your existing SharePoint documents, your email and teams' channels for example.



## Automation

To perform routine and repetitive tasks with reduced or minimal human assistance. These tasks are often time-consuming.

While automation aims to reduce human effort, it can still involve human interaction (e.g. for approvals).

In healthcare it should support clinical decision-making and reduce the administrative burden.

**! IMPORTANT INFORMATION:** When an app is developed for use within a patient care pathway, the following measures must be taken:

1. A Clinical Safety Officer (CSO) must be appointed.
2. A comprehensive clinical risk assessment must be conducted.

## Observations App

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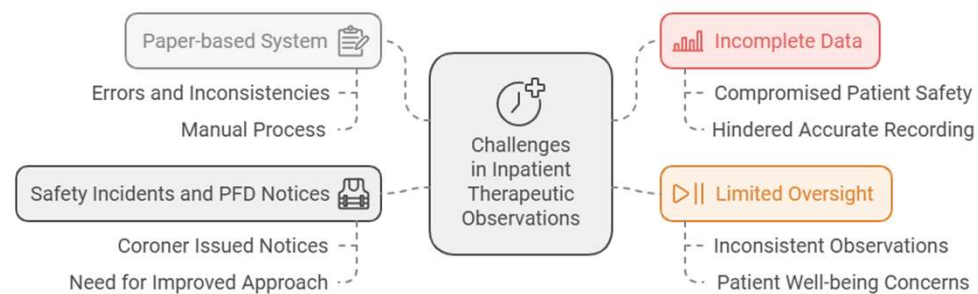
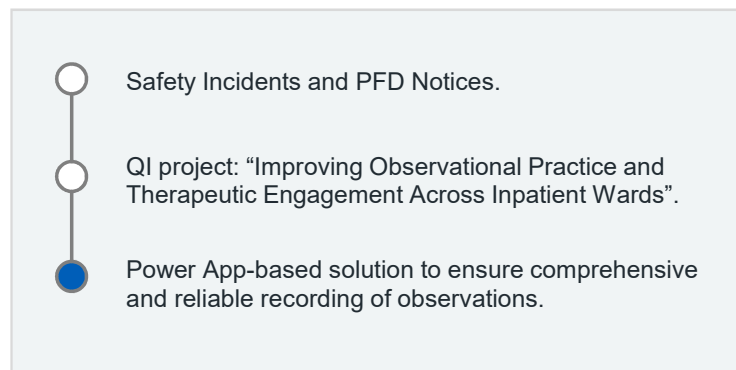
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## Power App to record Therapeutic Observations



## Enhanced Observation Sheet

[illegible]

## Observation Care Plan

BCDDE (REVISED): Observation Authorization (updated)	
Patient Name:	Primary Nurse:
Consultant:	BCD Number:
Date & Time Observations Commenced:	
Level of Observation:	
Circumstances of admission:	
Notes:	
Ask to self:	
Ask to others:	
Ask from others:	
Plan:	
These observations will be reviewed by the MDT on a daily basis.	
Every 24 hours medical reviews should be completed and documented on BCD	

## General Observation Sheet

[illegible]

## Review Template

RCODE 00000020: Inverse-scaled Observations 24-hour nursing routine  
 RCODE 00000003: Inverse-scaled Observations 72-hour feeder routine  
 RCODE 00000001: Conventional mammal Observations 24-hour Feeder and Nurse routine  
 RCODE 00000002: Conventional worm-length Observations 24-hour Feeder and Nurse routine  
 RCODE 00000000: Conventional worm-length Observations 24-hour Feeder and Nurse routine  
 RCODE 00000001: Weakly independent correlated observations (scale)  
 RCODE 00000020: Terminated or interrupted observation

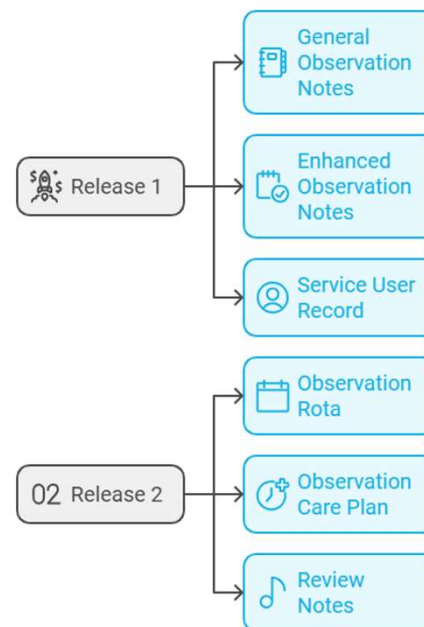
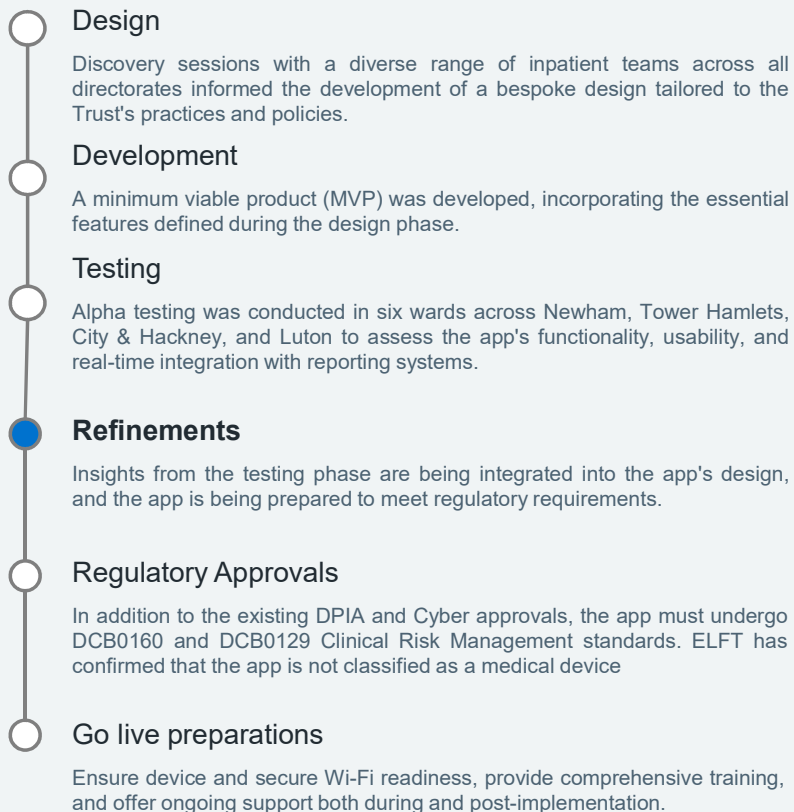
**Review of Ethological Diagnostic observations**  
 Patient Name: \_\_\_\_\_  
 Disease diagnosis: \_\_\_\_\_  
 Age, all days on close site \_\_\_\_\_  
 Staff members involved to review: \_\_\_\_\_  
 Indication of equipment placed in observations (staff back to case plan, how the case plan might affect) \_\_\_\_\_  
 If any of you are the observer, please provide a brief summary of the data identified (note: number of cases observed, number of observations, number of observations per case) \_\_\_\_\_  
 Did the identified cases fit diagnosed without unexplained observations? YES / NO  
 If no, why? If yes, what is the non-manipulated cause? \_\_\_\_\_  
 Agreed need of observations following review: \_\_\_\_\_  
 What the service could learn from information and update: \_\_\_\_\_  
 Distribution of next review: \_\_\_\_\_

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## Timeline: Therapeutic Observations App



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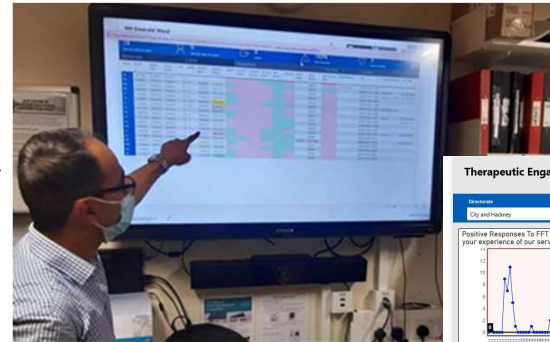
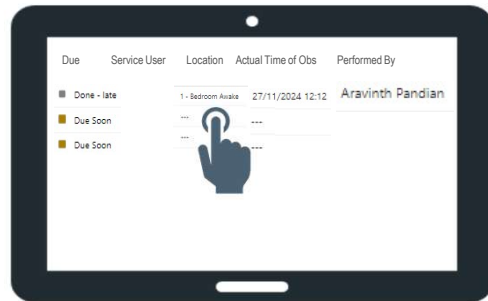
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## How will the Therapeutic Observations App Improve Existing Process?



Upload to RiO



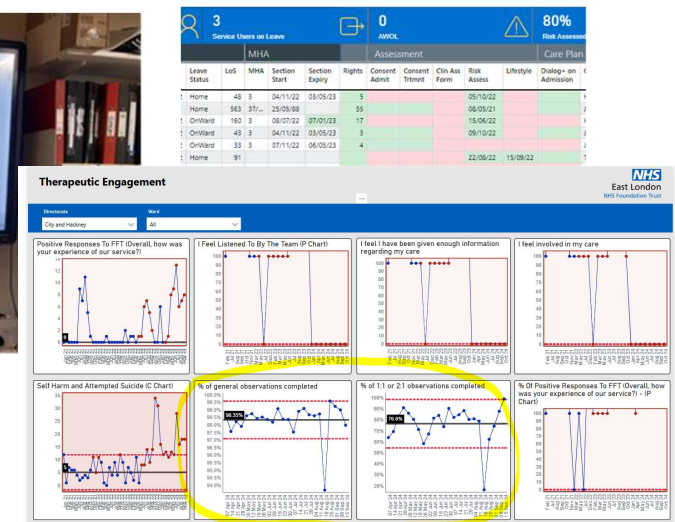
User-Friendly Interface

Built-in Compliance



Real-Time Data

Reporting Capabilities



Visibility of the timeliness and completion of therapeutic observations will be able to be displayed on ward screens and safety pages in Power BI

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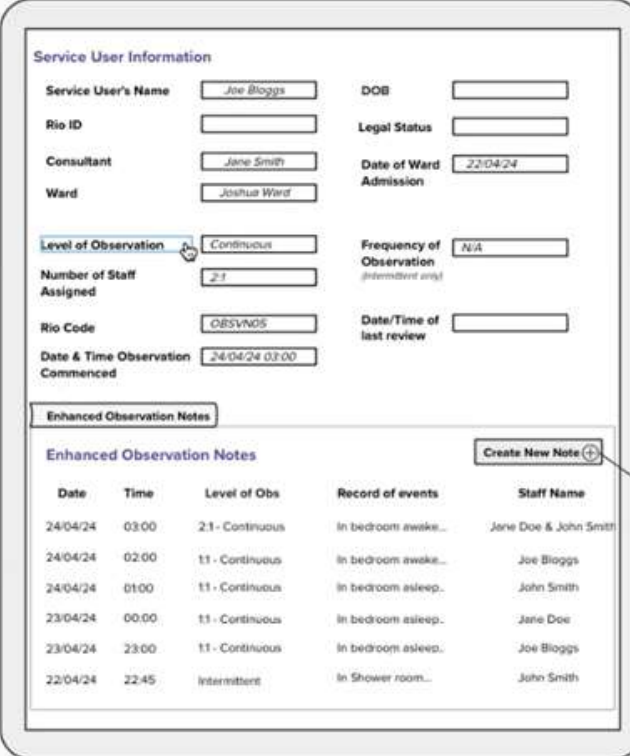
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## How to get support for Power Apps?

Data and Analytics has established a dedicated Power Apps Centre of Excellence (CoE) team to champion and share best practices in Power app development and ensure security measures are in place.

If you have an idea for a new PowerApps, please contact us at [elft.analytics@nhs.net](mailto:elft.analytics@nhs.net). A CoE team member will get in touch with you to review your idea and assist in writing a short business case. The business case will evaluate the opportunity, benefit, development model and resources needed. We will ensure that the process meets the trust's Information Governance and Cyber Security standards and has the appropriate licencing model.

We are also introducing a new App for submitting requests. This app will allow you to provide details on the costs and benefits of your idea or project, helping us prioritise effectively.



**Service User Information**

Service User's Name	<input type="text" value="Joe Bloggs"/>	DOB	<input type="text"/>
Rio ID	<input type="text"/>	Legal Status	<input type="text"/>
Consultant	<input type="text" value="Jane Smith"/>	Date of Ward Admission	<input type="text" value="22/04/24"/>
Ward	<input type="text" value="Joshua Ward"/>		
Level of Observation	<input type="text" value="Continuous"/>	Frequency of Observation	<input type="text" value="N/A"/>
Number of Staff Assigned	<input type="text" value="2:1"/>	<small>(intermittent only)</small>	
Rio Code	<input type="text" value="OBSVND5"/>	Date/Time of last review	<input type="text"/>
Date & Time Observation Commenced	<input type="text" value="24/04/24 03:00"/>		

**Enhanced Observation Notes**

[Create New Note](#)

Date	Time	Level of Obs	Record of events	Staff Name
24/04/24	03:00	2:1 - Continuous	In bedroom awake...	Jane Doe & John Smith
24/04/24	02:00	1:1 - Continuous	In bedroom awake...	Joe Bloggs
24/04/24	01:00	1:1 - Continuous	In bedroom asleep...	John Smith
23/04/24	00:00	1:1 - Continuous	In bedroom asleep...	Jane Doe
23/04/24	23:00	1:1 - Continuous	In bedroom asleep...	Joe Bloggs
22/04/24	22:45	Intermittent	In Shower room...	John Smith