

Patient Experience Analysis Dashboard

Day of Week

Department

Date

All

All

16/18/2021 - 04/23/22



Wellness Check Application

A digital health assessment and escalation system for care teams, nurses, and supervisors.

Improving patient safety, workflow efficiency, and documentation quality.

Average Wait Time by Department



Patient Safety



Workflow Efficiency



Documentation Quality



Real-time Escalation



Mobile & Desktop Ready

Average Visit Length by Department



The Challenge



Manual Assessments

Inconsistent documentation across staff



Slow Escalation

Delayed response to abnormal readings



Fragmented Communication

Disconnected channels: phone, email, paper



Delayed Decisions

Supervisor approvals take too much time



No Unified History

Patient data scattered across systems



Compliance Risks

High safeguarding and regulatory concerns



The result: **inefficient workflows, missed risks, and staff burnout**

Our Solution

Power Apps | Fitness Assessment Canvas App

Wellness Check Application

Search For Patient

- Jonathan Silva
- Andy Warren
- Camille Knight
- Charlie Sohm
- Allison Gonzalez
- Liam Dubois
- Lee Wong
- Mary Hamilton
- Matt Peterson
- Corbin Ward

Patient Info For: Liam Dubois

(904) 555-5555

Check For Glucose Levels

Check For Depression

Wellness Check Date	Assessor	Overall Health	Escalation Info
02/12/2025 20:08	bXXX@XXX.com	Approved	Request
23/11/2025 21:51	bXXX@XXX.com	Not Approved	Request
16/11/2025 14:42	kXXX@XXX.com	Not Approved	Request
22/10/2025 15:07	aXXX@XXX.com	Not Approved	Request

New Well Check

Power Apps

SQL Server

Power Automate

Centralized Assessments

Unified platform for all wellness checks

Real-time Information

Instant access to current patient data

Automated Workflows

Streamlined escalation processes

Integrated Communication

Teams, email, and phone connectivity

Secure Documentation

Fast, accurate, and audit-ready records

Multi-device Ready

Works on mobile and desktop devices

Who It Is Built For



Field Nurses & Carers

Frontline staff conducting daily wellness checks and monitoring patient health



Clinical Supervisors

Healthcare professionals overseeing patient care and approving escalations



Operations & Compliance

Administrators ensuring regulatory compliance and operational efficiency



Healthcare Administrators

Management staff overseeing care delivery and resource allocation



Residential Care Homes

Facilities providing round-the-clock care for residents



Community Health Programs

Organizations delivering health services across local communities



Each role receives **tailored value** from the unified wellness check system

Key Features



Patient Dashboard

Photo, contact info, health flags

Quick Access



Wellness History

Timeline of past checks with assessor info

Track Progress



Digital Assessment Form

BP readings, glucose, temperature, meds, mood, weight, comments

Comprehensive



Escalation Workflow

One-click escalation, supervisor approval via Teams and email

Rapid Response



Record Management

Edit or delete entries with confirmation

Data Integrity



Communication Tools

Call, email, or Teams directly from the app

Seamless

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New Well Check

Patient dashboard with wellness history and assessment tools

⇌ How It Works (Workflow)



Select Patient

Choose from dashboard



Review Profile

Check previous assessments



Complete Check

Record vitals & observations



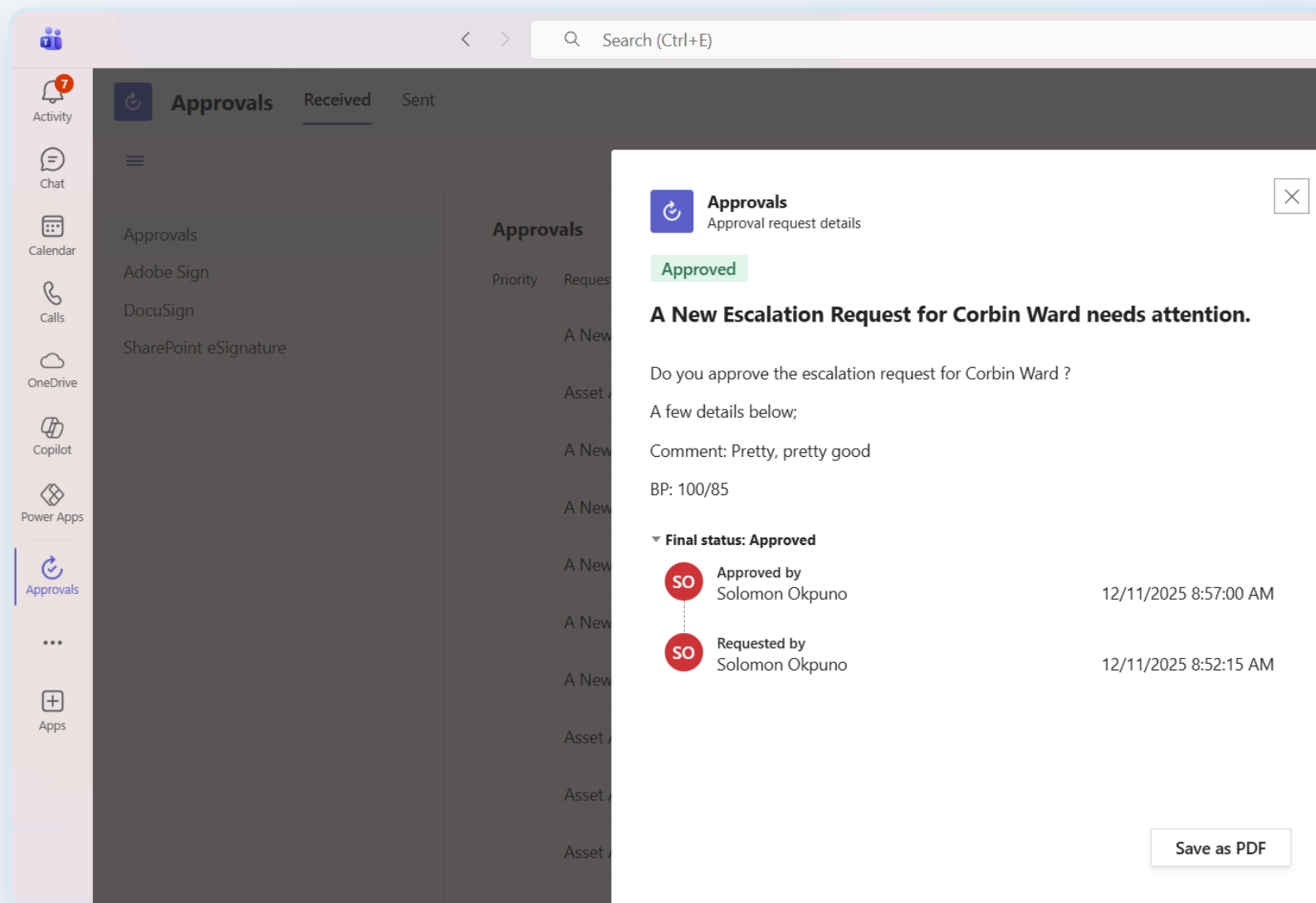
Store Data

Securely saved in [SQL Server](#)



Escalate if Needed

Trigger approval workflow



Teams escalation approval interface showing real-time status updates



Automatic Escalation



Instant Supervisor Notification



Real-time Status Updates

System Architecture



Power Apps Canvas App

User interface for staff to access patient information and complete wellness checks



SQL Server

Secure, scalable data storage for patient records and wellness history



Power Automate

Escalation logic and approval workflow automation



Teams & Outlook

Supervisor notifications and approval channels



Role-based Access

Different permission levels for staff and supervisors to ensure data security

System Integration



Mobile Access



Desktop App



Cloud Storage



Admin Console



Secure Data Transfer



Real-time Updates



HIPAA Compliant

Business Value



ROI: 6 months

Operational Efficiency

Faster assessments and decision-making

50%

Admin time reduction



70% faster response

Clinical Safety

Early identification of patient risks

Zero

Missed escalations



HIPAA compliant

Compliance & Auditability

Digital records with timestamps

100%

Audit-ready documentation



Lower burnout

Staff Experience

Reduced manual work, clearer workflows

40+

Hours saved per week



ROI within first year

Cost Savings

Lower operational overhead

30%

Operational cost reduction





Measurable Impact

70%

Time Saved: 3.5 hrs/day

Faster Escalation Response

Critical patient issues addressed more quickly



40+

Productivity Boost

Staff Hours Saved/Week

Reduced administrative burden

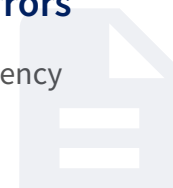


60%

Quality Improvement

Fewer Documentation Errors

Improved accuracy and consistency



95%

Communication Efficiency

Supervisor Response Rate

Faster approvals and decision-making



0

Environmental Impact

Paperwork

End-to-end digital workflow



Transforming care delivery with quantifiable improvements across all key metrics

Future Roadmap

Q1 2026



Predictive AI Alerts

Machine learning algorithms to anticipate patient health issues

Risk Prediction

Early Intervention

Q2 2026



Power BI Integration

Advanced analytics dashboards for population health insights

Data Visualization

Trend Analysis

Q3 2026



Voice-Enabled Assessments

Hands-free data entry using speech recognition

Natural Language

Efficiency Boost

Q4 2026



IoT Device Monitoring

Integration with wearable health devices

Continuous Tracking

Real-time Data

2027



Multi-Site Deployment

Scalable architecture for healthcare organizations with multiple facilities

Enterprise Scale

Centralized Management

Regional Expansion



Strategic roadmap designed to **transform patient care** through **innovative technology** and **scalable solutions**

Implementation Plan

1 Discovery

2-3 weeks

- ✓ Requirements gathering
- ✓ Data mapping
- ✓ Workflow analysis



2 Build

4-6 weeks

- ✓ App development
- ✓ Architecture setup
- ✓ SQL configuration



3 Testing

2-3 weeks

- ✓ UAT with nurses
- ✓ UAT with supervisors
- ✓ Performance testing



4 Deployment & Training

1-2 weeks

- ✓ Go-live
- ✓ Monitoring
- ✓ Support



Total implementation timeline: **9-14 weeks** with minimal disruption to existing workflows

Why Choose This Solution



Enterprise Grade

Trusted Platform

Built on Microsoft Power Platform with enterprise-grade security and reliability

Scalable

Secure



High Performance

Scalable Backend

SQL Server provides secure, scalable data storage that grows with your organization

Robust

Reliable



User Friendly

Intuitive Interface

Design specifically for frontline healthcare staff with minimal training required

Easy Adoption

Minimal Training



Real-time

Instant Communication

Escalation and notification system ensures critical issues get immediate attention

Fast Response

No Delays



Flexible

Fully Customizable

Tailored to meet specific requirements of any healthcare organization

Adaptable

Configurable



Proven

Demonstrated Results

Measurable workflow improvements and efficiency gains in real deployments

70% Faster

50% Less Admin



Patient-Centered Care

Improves patient safety through faster response times and better coordination between care team members

Closing & Call to Action

Transform Workflow

Streamline patient monitoring and escalation processes

Safer Care

Early risk identification and faster response times

Smarter Decisions

Data-driven insights for better patient outcomes

Let's Partner to Deploy This Solution →