**Healthcare Hackathon: Team Assessment Form**

**Team 17**

**Problem Context**

Department: Patient Experience and education

Challenge Area: post-visit care, followup, patient education

Current Process Metrics: (approximate)

- Process completion time: 60 minutes

- Staff time per case: 30 minutes

- Error rate: \_\_\_\_\_%

- Cost per case:

- Annual volume: 13 billion cases

- Annual cost: $\_\_\_\_\_

Current Pain Points (Rank 1-3):

1. Lack of follow up time, ability

2. Gap in patient education for laboratory reports and medical scenarios

3. Significant drop off in following post-op/post-visit care instructions for each patient

**Solution Overview**

Team Name: **Team 17**

Project Title: **Journey**

Problem Statement:

- What specific healthcare challenge are you addressing?

**We are helping patients navigate their medical journey, especially after a lab report has been ordered by their doctor, to educate patients and help**

- Who is most affected by this problem?

Any type of patient that has gotten a lab report, or has instructions/guidelines regarding their diagnosis.

- Current way this problem is handled:

Nurse initiated follow-up calls, manually input guidelines in the after visit summaries, or Automated follow-up using Interactive Voice Response (IVR) system

**Quick Impact Assessment**

**Primary Users (Check all that apply):**

- [ x] Patients

- [] Nurses

- [ ] Physicians

- [ ] Administrators

- [x ] Support Staff

- [ ] Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Expected Benefits (Check top 3):**

- [ x] Time Savings

- [ x] Cost Reduction-

-[ ] Quality Improvement

- [x ] Patient Experience

- [ ] Staff Satisfaction

- [ ] Safety Enhancement

**Rough Estimates (if applicable):**

- Time saved per user: \_\_\_\_\_ hours/week

- Potential users/patients affected: 63% of all patients in USA

- Estimated cost savings:

* Medical non-adherence costs are estimated to be $100B to $300B
* Missed appointments cost the healthcare system more than $150B a year
* Early diagnoses for cancer, specifically, can save up to $191,900 per person. Statistics for other diseases on a broader scale do not exist.

**Basic Technical Requirements**

Core Components Needed:

- [x ] Mobile App

- [x ] Web Platform

- [ x] Database

- [ x] Integration with EHR

- [ ] Hardware/Devices

- [ ] Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Implementation Timeline Estimate:**

- [ ] 1-3 months

- [ ] 3-6 months

- [ x] 6-12 months

- [ ] 12+ months

**Next Steps Identified**

Top 3 Actions Needed:

1. Integration/understanding of how to integrate with EHR

2. Collecting threshold data for health indicators

3. Training conversational AI analyst/agent for medical data and building auto-calling/scheduling AI assistant