

Project Design Phase
Problem – Solution Fit Template

Date	June 30 2025
Team ID	LTVIP2025TMID32662
Project Name	Intelligent Healthcare assistant using IBM Granite
Maximum Marks	2 Marks

Problem – Solution Fit Template:
Template:

Problem-Solution Fit Canvas: Healthcare AI Assistant			
<div>1. CUSTOMER SEGMENT(S)</div> <div><ul style="list-style-type: none">Health-conscious individualsPatients with new prescriptionsCaregivers managing others' health</div>	<div>6. CUSTOMER CONSTRAINTS</div> <div><ul style="list-style-type: none">Limited medical knowledge.Lack of time to read dense medical texts.Prefers free, immediate solutions.</div>	<div>5. AVAILABLE SOLUTIONS</div> <div><ul style="list-style-type: none">Google Search: Overwhelming & anxiety-inducing.Medical Websites (WebMD): Full of complex jargon.Asking Friends/Family: Often inaccurate or anecdotal.</div>	
<div>2. JOBS-TO-BE-DONE / PROBLEMS</div> <div><ul style="list-style-type: none">Quickly understand potential causes of new symptoms.Decode confusing prescription instructions.Find simple, relevant diet advice for a specific goal.</div>	<div>9. PROBLEM ROOT CAUSE</div> <div>Existing online health information is unstructured, full of jargon, and optimized for sensationalism, not for user clarity and peace of mind.</div>	<div>7. BEHAVIOUR</div> <div>Endlessly scrolling through alarming search results, reading forums, and ultimately giving up in frustration.</div>	
<div>3. TRIGGERS</div> <div><ul style="list-style-type: none">Experiencing a new symptom.Receiving a new prescription.Deciding to improve one's diet.</div>	<div>10. YOUR SOLUTION</div> <div>An AI-powered web application with three distinct tools (Symptom Checker, Prescription Analysis, Diet Recommender) that provide structured, simple, and empathetic responses using the IBM Granite model.</div>		<div>8. CHANNELS OF BEHAVIOUR</div> <div>Online: Web searches on desktops and mobile phones. Offline: Reading prescription leaflets, word-of-mouth conversations.</div>
<div>4. EMOTIONS: BEFORE / AFTER</div> <div>Before: Anxious, Confused, Overwhelmed. After: Informed, Reassured, Empowered.</div>			