Project Initialization and Planning Phase

Date	15 April 2025
Name	Sainath Prakash Nimbalkar
Project Name	NailCare AI
Maximum Marks	3 Marks

Problem Statements (Uncovering The Hidden Treasures Of The Mushroom Kingdom: A Classification Analysis):

PS No.	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A general user	Detect nail diseases early	I don't know what's normal or not	Nail changes can be subtle and confusing	Anxious and unsure
PS-2	A dermatologist	Save time in diagnosis	I receive unclear or poor images	Patients often send low-quality photos	Frustrated and limited
PS-3	A healthcare startup	Provide affordable nail disease care	It's hard to scale expert review	Specialists are expensive and not widely available	Concerned about reach and cost
PS-4	A medical student	Learn to recognize nail diseases	The examples in textbooks are limited	Real-world cases vary significantly	Confused and lacking confidence
PS-5	A tech researcher	Build a smart nail disease detector	I lack labeled image datasets	Medical image datasets are rare and sensitive	Technically challenged and limited
PS-6	A wellness influencer or blogger	Educate followers about nail health	I'm not medically trained	Nail issues can be early signs of deeper problems	Cautious and worried about misinformation

PS-7	A parent	Teach my kids about nail hygiene	I'm unsure how to explain symptoms	Early signs of nail disease can be hard to notice	Anxious and unconfident as a guide
PS-8	A pharmaceutical researcher	Discover nail-related disease indicators	It's hard to collect accurate samples	Misidentification risks research accuracy	Limited in research accuracy and drug innovation
PS-9	An AI/ML student	Train a deep learning model to detect nail diseases	There are too many similar-looking samples	Labeling is expensive and hard	Overwhelmed and unsure of training data quality
PS-10	A rural health worker	Educate rural communities about mushrooms	There's no easy tool for live identification	Language and tech access barriers exist	Helpless in reaching and empowering locals
PS-11	A beauty product company	Source large quantities of safe mushrooms	Create nail-friendly health products	I can't differentiate disease from damage	Nail conditions may look like cosmetic issues
PS-12	A health insurance provider	Support mushroom-based dish partners	Reduce claims through early detection	Nail symptoms are often ignored	People overlook signs until the condition worsens
PS-13	A mobile app developer	Build a real-time nail scan feature	I need labeled images and feedback	Real-time models need quality training data	Blocked by tech limitations and data scarcity
PS-14	A health-conscious individual	Monitor my nail health over time	I don't know what changes to track	No easy tool shows what's improving or worsening	Disconnected from my wellness journey