PROJECT DESIGN
PHASE I
PROBLEM SOLUTION
FIT

Define CS, fit into CC	**1.CUSTMOR SEGMENT** CS • patients • dermatologist	**6.CUSTOMER CONSTRAINTS** CC CXB • Easy to reduuce redness on the skin • weight less • low cost	**5.AVAILABLE SOLUTIONS** AS • Using neural network based segmentation model • Internet • Computer vision • knowledge about CAD diagnosis technique	Explore AS, differentiate
Focus on J&P, tap into BE, understand RC	**2.JOBS-TO-BE-DONE/ PROBLEMS** J&P • To stop any medicine that may be trigger the erythema • Do not let others touch your infection	**9.PROBLEM ROOT CAUSE** RC • Sunburn • Using heavy dosage • climate changes	**7.BEHAVIOUR** BE • Using a neural network based segmentation model to create a segmented map of the image ,we then cluster sections of abnormal skin and pass this information to a classification model .We classify each cluster into different common skin disease using another neural network model	Focus on J&P, tap into BE, understand RC
Identify strong TR & EM	**3. TRIGGERS** TR • Itching • Irritation • ugly **4.EMOTIONS: BEFORE/AFTER** EM • People are not feeling good because of redness on the skin • now they are feeling good	**10.YOUR SOLUTION** SL • Given an image of the skin we decompose the image to normalize and extract high level features	**8.CHANNEL OF BEHAVIOUR** CH **8.1 online** • web application • online consultation **8.2 offline** • using a cream • consulting a doctor	Identify strong TR & EM