

DATE:	19 September 2022
TEAM ID:	PNT2022TMID52615
PROJECT TITLE:	A Gesture Based Tool For Sterile Browsing Of Radiology Of Images

PROBLEM-SOLUTION FIT

1. CUSTOMER SEGMENT(S) <ul style="list-style-type: none"> - Doctor - Patients 	6. CUSTOMER STATE LIMITATION <ul style="list-style-type: none"> - Available device <ul style="list-style-type: none"> - Limited customer interaction - Network connection - Spending power <ul style="list-style-type: none"> - Inconsistent to detect & classify gesture - Faster gesture interaction 	5. AVAILABLE SOLUTION <ul style="list-style-type: none"> - Real time analytics - Hand based analysis - Vision based analysis - Maintain proper sterilization - Image processing and classification - Identify gestures
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2. PROBLEMS/PAINS <ul style="list-style-type: none"> - Awareness - Wearable devices on user's body - Expensive camera - Distance from doctor and camera - Communication is complex 	9. ROOT/CAUSE <ul style="list-style-type: none"> - Diversity of gesture due to high tolerance of error - Background noise <ul style="list-style-type: none"> - Camera's resolution and quality - Fighting the lag - Doctors unavailable 	7. BEHAVIOUR <ul style="list-style-type: none"> - Improper care by doctors towards patient - Low motion gesture challenging - Sensors are required - Good internet facility
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<p>3. TRIGGERS TO ACT</p> <ul style="list-style-type: none"> - Doctor to make operation easier - Time saving - Faster result to patient - Faster results to patients while performing operation <p>4. EMOTIONS</p> <p>Before</p> <ul style="list-style-type: none"> - Fear - Stress <p>After</p> <ul style="list-style-type: none"> - Smart work of doctor - Patients feel very easy 	<p>10. YOUR SOLUTION</p> <ul style="list-style-type: none"> - Make AI based machine that can diagnose using images (X-ray, Scan) can reduce the work of doctors. - To make simple UI website to recognise hand gesture using radiology images. This reduces the economic expenditure 	<p>8. CHANNELS OF BEHAVIOUR</p> <p>Online</p> <ul style="list-style-type: none"> - Advertising in social media - Using in industries for in health case, automobiles in electronic devices etc. - Online consulting of patients <p>Offline</p> <ul style="list-style-type: none"> - Offline consultation is required for patients who has severe health issues - Guidance to Patient.
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