

Problem-Solution fit canvas 2.0

Define CS, fit	<div>1. CUSTOMER SEGMENT(S)</div> <div>a).Diagnostic labs (urban & rural)</div> <div>b).Hospitals and healthcare providers</div> <div>c).Pathologists and lab technicians</div> <div>d).Medical AI companies</div>	<div>6. CUSTOMER CONSTRAINTS</div> <div>a).Limited computing resources</div> <div>b).Lack of AI expertise in rural labs</div> <div>c).Budget constraints for small clinics</div> <div>d).No consistent internet in remote areas</div>	<div>5. AVAILABLE SOLUTIONS</div> <div>Manual microscope-based diagnosis</div> <div>➤ Pros: Low cost</div> <div>➤ Cons: Time-consuming, needs expert knowledge</div> <div>Rule-based image classifiers</div> <div>➤ Pros: Fast</div> <div>➤ Cons: Low accuracy</div> <div>Some existing AI models</div> <div>➤ Pros: Automated</div> <div>➤ Cons: Not trained on relevant datasets, poor generalization</div>	Explore AS,
Focus on J&P, tap into BE,	<div>2. JOBS-TO-BE-DONE / PROBLEMS</div> <div>a).Need to classify blood cells accurately for diagnosing diseases</div> <div>b).Reduce human error in manual classification</div> <div>c).Speed up blood test result processing</div> <div>d).Overcome shortage of trained professionals</div>	<div>9. PROBLEM ROOT CAUSE</div> <div>a).Traditional blood cell classification is heavily dependent on human skill</div> <div>b).There is no standard, fast, and reliable method available in all areas</div> <div>c).Rising patient load makes manual classification infeasible</div>	<div>7. BEHAVIOUR</div> <div>Direct: Use microscope, take cell count manually, consult pathologist</div> <div>Indirect: Send samples to external labs, rely on delayed reports</div>	Focus on J&P, tap into BE,
Identify strong TR & EM	<div>3. TRIGGERS</div> <div>Increase in diagnostic errors in under-equipped labs</div> <div>Surge in demand for automated healthcare solutions</div> <div>Rise of AI adoption in medical fields</div> <div>Regulatory push for standardized diagnostics</div> <div>4. EMOTIONS: BEFORE / AFTER</div> <div>Before: Confusion, delay, stress, helplessness (especially in rural labs)</div> <div>After: Confidence, clarity, control, accuracy, reliability</div>	<div>10. YOUR SOLUTION</div> <div>HematVision is a deep learning-powered system that uses transfer learning to classify blood cells accurately.</div> <div>Fast, automated image-based classification</div> <div>Uses pre-trained CNNs fine-tuned on medical data</div> <div>Works offline or on lightweight systems</div> <div>Minimizes diagnostic errors and supports pathologists</div>	<div>8.CHANNELS of BEHAVIOUR</div> <div>8.1 ONLINE</div> <div>Viewing tutorials on microscope usage</div> <div>Accessing cloud diagnostic platforms (if available)</div> <div>Watching YouTube videos on blood cell classification</div> <div>8.2 OFFLINE</div> <div>Manual microscopy and record keeping</div> <div>Printed blood smear atlases</div> <div>Training workshops for lab technicians</div>	Extract online & offline CH of BE