

# SWOT Analysis

## Strength

Potential to save lives

Intellectual property

Addressing a global health issue

Improving quality of life

Cost-effectiveness

Growing demand

## Weakness

Competition

Technical challenges

Ethical Concerns

High development costs

Regulatory hurdles

Dependence on external factors

## Opportunities

Market growth

Strategic partnerships

Technological advancements

International expansion

Targeted marketing

Value-added services

## Threats

Market saturation

Regulatory changes

Litigation risk

Economic uncertainty

Supply chain disruptions

Reputation risk

Action Item	Goals
Research existing technologies and methods to find gaps	Develop a device that can detect cancer cells at an early stage with high accuracy
Conduct clinical trials to validate the effectiveness in human subjects	Increase the survival rate for cancer patients by detecting cancer at an earlier stage and allowing for prompt treatment.
Develop a prototype to detect cancer cells	Improve the quality of life for cancer patients
Develop a marketing and distribution strategy	Establish the device as the standard of care for cancer screening and detection