# Developing an Artificial Intelligence Solution for Timely Detection and Monitoring of Oral Problems

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## My research vision...

Improve dental care by developing cost-effective, accessible, environmental-friendly screening methods for use by individuals and dentists to monitor oral health.

## What do I need...

Collaborate with partners from different backgrounds worldwide to develop this tool:

- AI and Machine Learning Experts
- Marketing Experts
- Citizen Science Researchers
- App Developers
- Data Security Specialists
- Data Engineers

## How...

I am creating an AI-based solution that uses smartphone photos to detect tooth decay and a number of oral problems with high accuracy and efficiency.

## The expected outcomes of my research

- **Improve quality of life:** More accessible and regular monitoring of oral problems.
- **Encourage people to take control to look after their oral health**
- **Reduce healthcare burden:** People will visit dentists only when there is a need for professional help.
- **More efficient research efforts:** Reduce cost and human errors and biases.