<u>Developing an Artificial Intelligence Solution for Timely Detection and Monitoring of Oral Problems</u>

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My research vision...

Improve dental care by developing costeffective, 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:

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

How...

I am creating an Al-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 reseach

- 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.