INNOVATION INSIGHT

Developing customized AI solutions for skincare diagnostics and disease prediction models

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Head of AI & Data Consulting

Unicsoft

13-14 September
INTELLIGENT HEALTH 2023
Basel, Switzerland

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Developing customized AI solutions for skincare diagnostics and other predictive models

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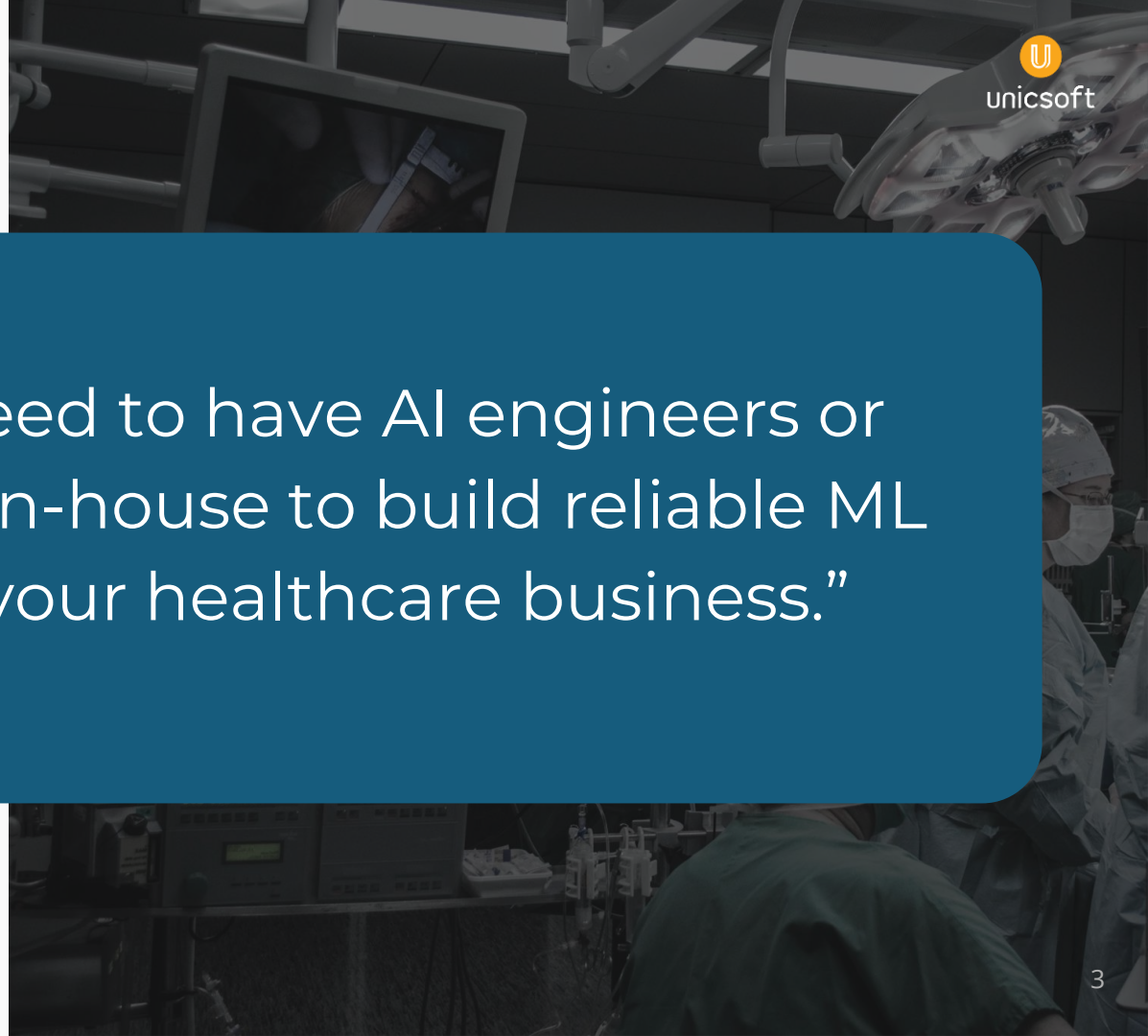

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"You don't need to have AI engineers or training data in-house to build reliable ML models for your healthcare business."

aws training and certification
Technical Accredited
TOP AI DEVELOPERS
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Problem statement

Detect and recognize patient's **skin disease** with high accuracy **without visiting a doctor**.

Challenges

1. Training data →
2. Recognize skin on image
3. Detect problem zones →
4. Identify skin diseases →
5. Scale the model
6. Data privacy regulations

```
****** PREDICT IMAGE *****

Class                    Probability

Acne and Rosacea         0.9973
Bullous Disease          0.0002856
Eczema                   0.00191
Melanoma                 0.0005234
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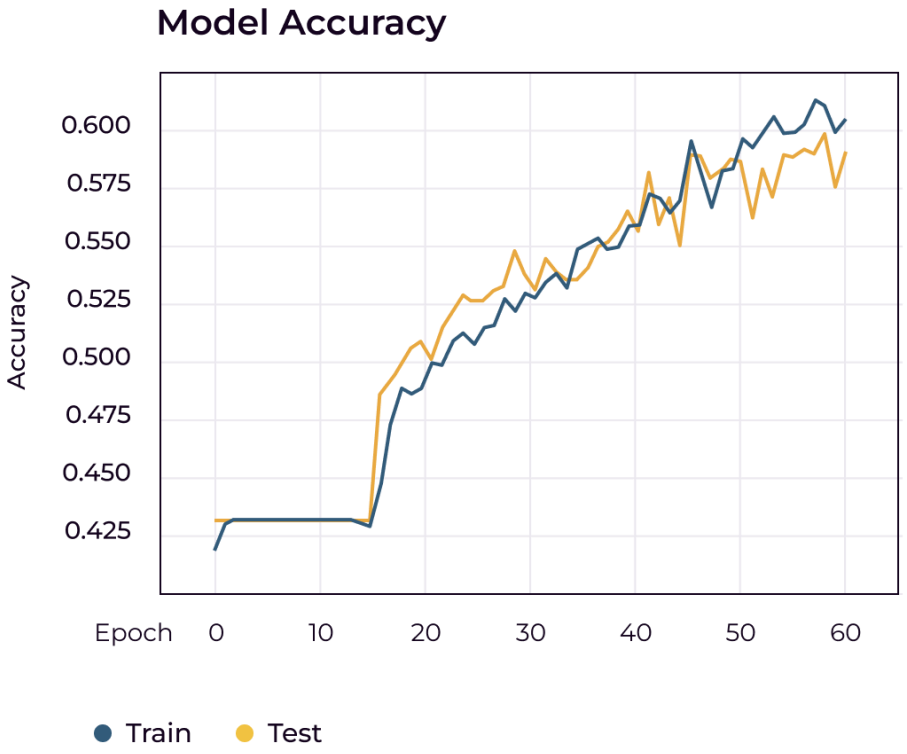
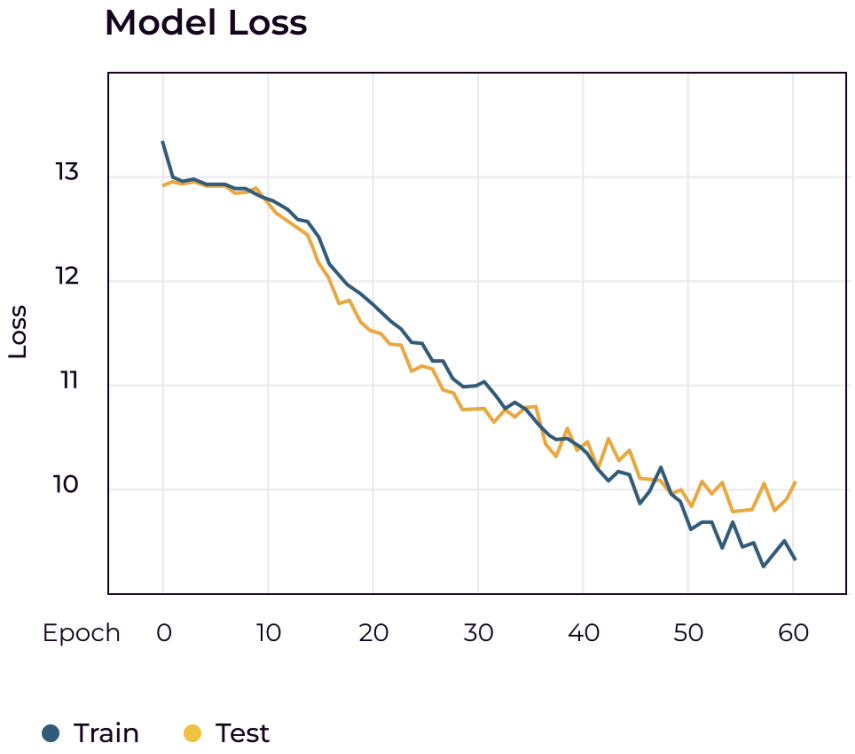
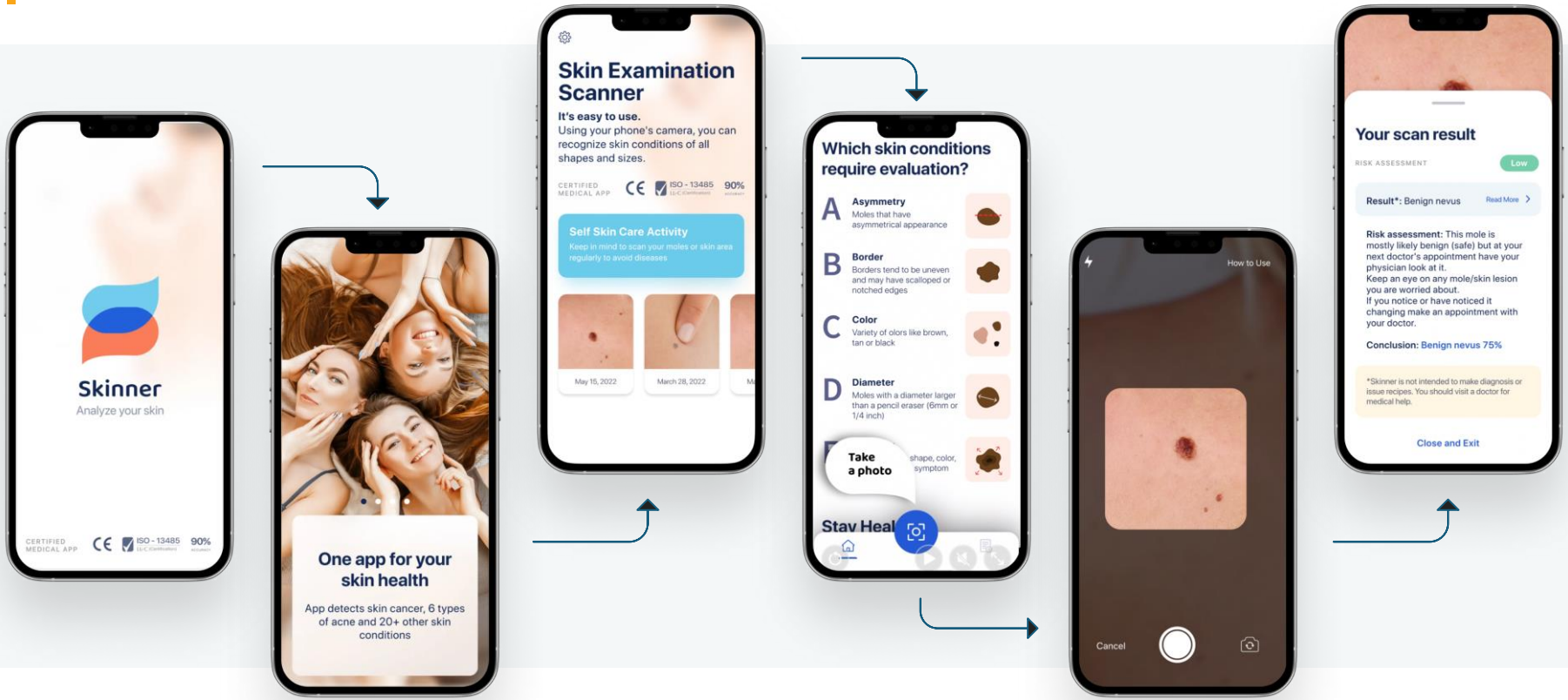
Results





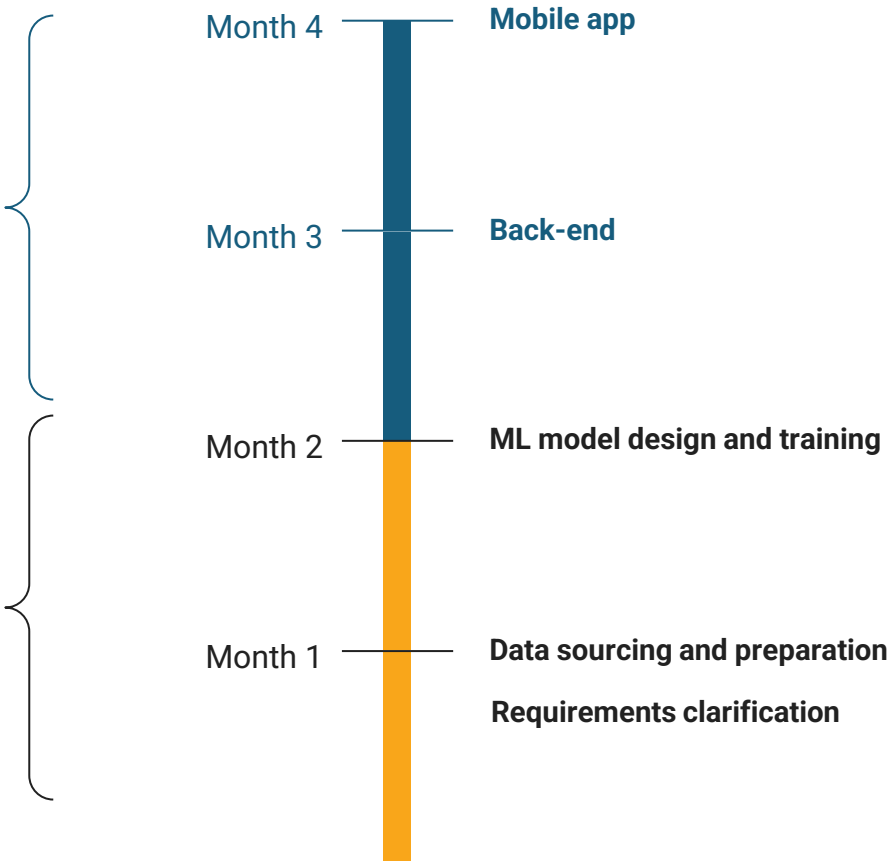
Mobile app


Skinner
Analyze your skin
CERTIFIED MEDICAL APP
ISO - 13485
90%
One app for your skin health
App detects skin cancer, 6 types of acne and 20+ other skin conditions
Skin Examination Scanner
It's easy to use.
Using your phone's camera, you can recognize skin conditions of all shapes and sizes.
CERTIFIED MEDICAL APP
ISO - 13485
90%
Self Skin Care Activity
Keep in mind to scan your moles or skin area regularly to avoid diseases
May 15, 2022
March 28, 2022
Which skin conditions require evaluation?
A Asymmetry
Moles that have asymmetrical appearance
B Border
Borders tend to be uneven and may have scalloped or notched edges
C Color
Variety of olors like brown, tan or black
D Diameter
Moles with a diameter larger than a pencil eraser (6mm or 1/4 inch)
Take a photo
shape, color, symptom
How to Use
Cancel
Your scan result
RISK ASSESSMENT
Low
Result*: Benign nevus
Read More
Risk assessment: This mole is mostly likely benign (safe) but at your next doctor's appointment have your physician look at it.
Keep an eye on any mole/skin lesion you are worried about.
If you notice or have noticed it changing make an appointment with your doctor.
Conclusion: Benign nevus 75%
*Skinner is not intended to make diagnosis or issue recipes. You should visit a doctor for medical help.
Close and Exit

Timeline

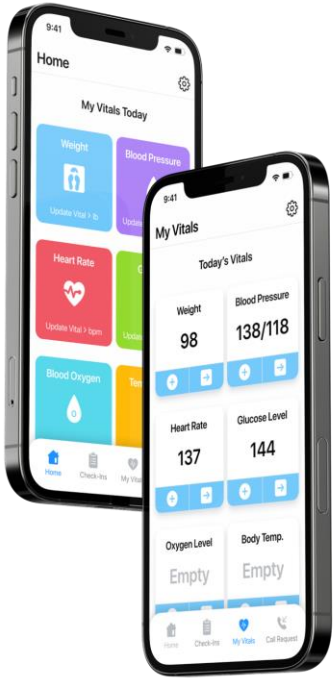
MVP

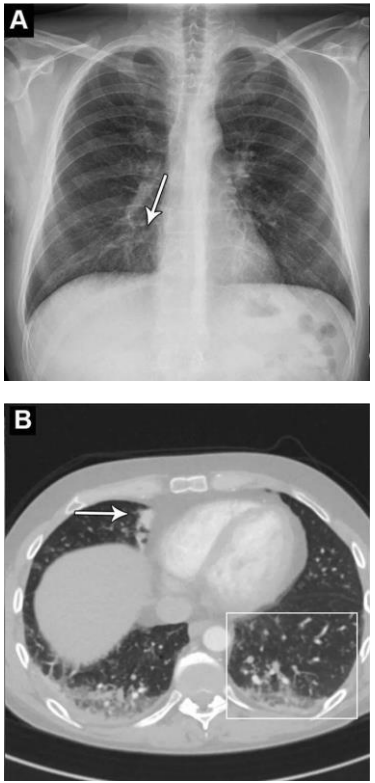
POC



Our successful cases

- Remote Patient Monitoring
- CT-Scans Analysis
- Predictive EHR Analytics
- EU AI Act Compliance Checkup





Q&A

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