VisionAI — Patient Report
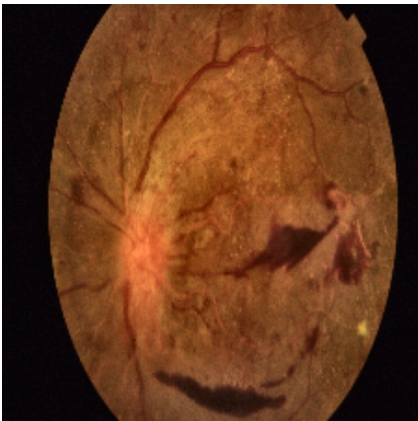

Generated: 2025-11-07 07:08:29
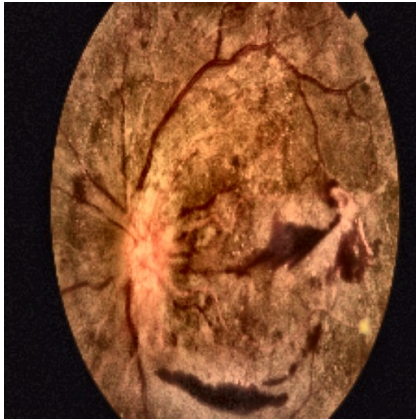
Patient Metadata

Patient ID	Patient_328
Full Name	Jenifer Rao
Age	61
Gender	Male
BP	142/72
Systolic	142.0
Diastolic	72.0
Glucose Level	110.0
BMI	32.7
Smoking	Yes
Duration of Diabetes (years)	18.0
Hypertension	No
Family History	Yes
Phone	000-000-0000
Address	Remote

Image Visualizations

ORIGINAL

PREPROCESSED

GRADCAM

LIME

SHAP-like Feature Importance (VisionAI)
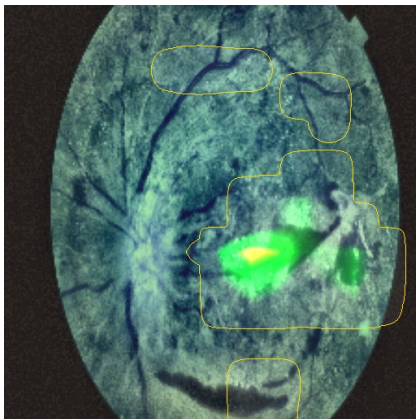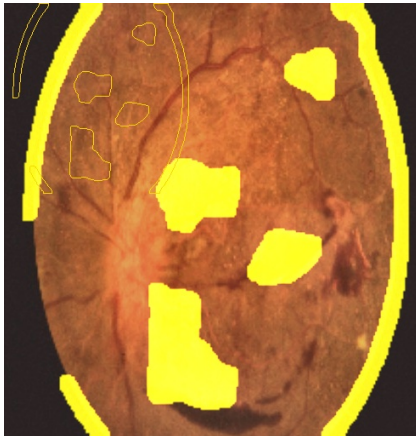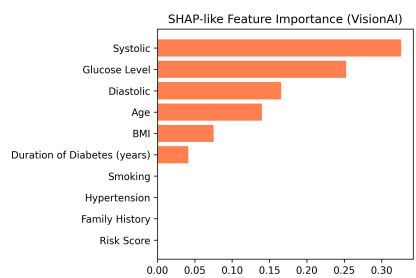
SHAP

Lesion Breakdown

Feature	Percentage (%)
Total lesion coverage	26.51
Exudates	0.42
Hemorrhages	1.44
Cotton wool spots	5.37
Microaneurysms	0.0

Model Confidence: 96.0%

Composite Risk Score: 52.59 (0-100)

- Screening result: **PDR** (confidence 96.0%). Estimated lesion coverage: **26.51%**.

- What this means: small bleeds or deposits were detected in the retina; these changes can progress if system risk factors are uncontrolled.

- Immediate steps: book an ophthalmology consultation within 1 week; seek urgent care if sudden vision loss or new visual symptoms occur.

- Lifestyle & prevention: control blood sugar (discuss HbA1c target), maintain BP control, balanced diet, exercise ~30 minutes/day, and stop smoking.

- Monitoring: routine eye screening every 6–12 months or earlier as advised by the specialist.