Health Care Integration

Collecting User Feedback

User Feedback gets
stored in db

User Feedback is used
for Model re-training

User Feedback

Database for User
Feedback

Deployement of the Web
Application on cloud

User(Ex: patient,
Doctot)

User interacts via
web browser

Authentication
for User

User's Input
(Eye Image)

Flask

Flask Web App

Inference Module

Model Input
(Image)

Preprocessed
Image

Transfer Learning
Model

Probability/confidence of
prediction

Predicting Eye
disease

Display the prediction
to the user

Scalable
Infrastructure

Logging

Montoring and
Analysis

Architecture and data flow of the Eye Disease prediction Application