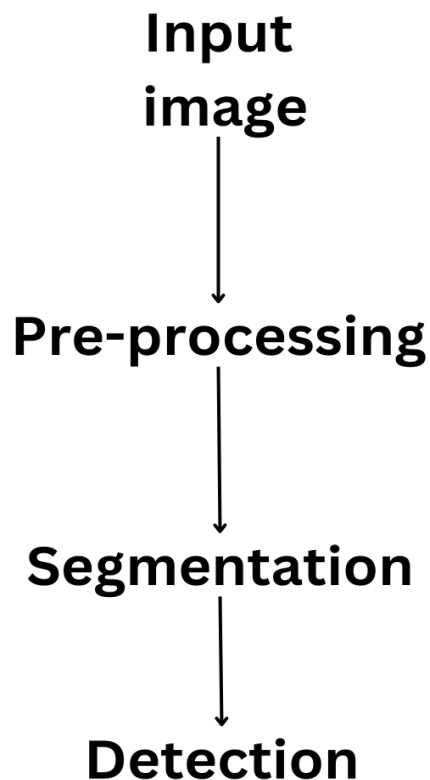# Diabetic Retinopathy Detection

The objective is to provide an efficient and accurate tool for early detection and monitoring of diabetic retinopathy, which can aid in timely medical intervention and prevent vision loss in diabetic patients.

## Summary:

The Diabetic Retinopathy Detection Project aims to develop an automated system for early detection of diabetic retinopathy in diabetic patients through digital image processing. This system will take retinal images as input and employ image processing techniques, including image enhancement, feature extraction, and classification algorithms, to identify and classify retinal abnormalities. By leveraging this technology, we aim to provide a reliable tool for timely diagnosis and monitoring of diabetic retinopathy, ultimately improving patient outcomes.

**Input image**

↓

**Pre-processing**

↓

**Segmentation**

↓

**Detection**

Team Members,
(CS4055)

1) Faiq Aslam (P19-0082)

2) Umair Azad (P19-0030)

3) Istafa Malik (P19-0033)

Subject: Digital Image Processing

Course Instructor: Zeshan Khan

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