DATA PREPROCESSING <u>DEEP LEARNING FUNDUS IMAGE ANALYSIS FOR</u> <u>EARLY DETECTION OF DIABETIC RETINOPATHY</u>

In this milestone we will be improving the image data that suppresses unwilling distortions or enhances some image features important for further processing, although perform some geometric transformations of images like rotation, scaling, translation, etc.

- 1. Importing The Libraries
- 2. Configure ImageDataGenerator Class
- 3. Apply ImageDataGenerator Functionality To Train Set And Test Set

Import the ImageDataGenerator library

In [4]: from tensorflow.keras.preprocessing.image import ImageDataGenerator

Configure ImageDataGenerator class

Apply ImageDataGenerator Functionality To Trainset And Testset

Found 2626 images belonging to 5 classes.