

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

  <meta http-equiv="X-UA-Compatible" content="IE=edge" />

  <meta name="viewport" content="width=device-width, initial-scale=1.0" />

  <!-- CSS only -->


  <link

    href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"

    rel="stylesheet"

    integrity="sha384-iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYa11GyVh/UjpbCx/TYkiZhlZB6+fzT"

    crossorigin="anonymous"

  />

  <!-- JavaScript Bundle with Popper -->

  <script

    src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js"

    integrity="sha384-

u10knCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHl7NnikvbZlHgTPOOmMi466C8"

    crossorigin="anonymous"

  ></script>

  <style>

    #navbarRight {

      margin-left: auto;

      padding-right:10px;

    }

    .navbar-brand{

      padding-left:15px;

    }

  </style>

  <title>DR Predcition</title>
```

```
</head>

<body>

  <nav class="navbar navbar-expand-lg navbar-light bg-dark">

    <div>

      <a class="navbar-brand" href="#" style="color:aliceblue">Diabetic Retinopathy
Classification</a>

    </div>

    <div class="navbar-collapse collapse w-100 order-3 dual-collapse2" id="navbarNav">

      <ul class="navbar-nav mr-auto text-center" id="navbarRight">

        <li class="nav-item active">

          <a class="nav-link" href="index" style="color: aliceblue;">Home </a>

        </li>

        <li class="nav-item">

          <a class="nav-link" href="login" style="color: aliceblue;">Login</a>

        </li>

        <li class="nav-item">

          <a class="nav-link" href="register" style="color: aliceblue;">Register</a>

        </li>

        <li class="nav-item">

          <a class="nav-link" href="predict" style="color: aliceblue;">Prediction</a>

        </li>

      </ul>

    </div>

  </nav>

  <div class="d-flex justify-content-center">

    <img style="width:10vw;">

  </div>

</body>

</html>
```

## Diabetic Retinopathy Classification

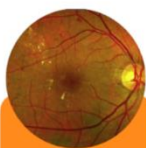


### No disease visible



### Mild nonproliferative diabetic retinopathy (NPDR)

Localized swelling of the small blood vessels in the retina (microaneurysms)



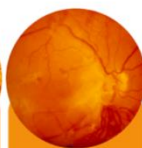
### Moderate NPDR

Mild NPDR plus small bleeds (dot and blot haemorrhages), leaks (hard exudates) or closure (cotton wool spots) of small blood vessels.



### Severe NPDR

Moderate NPDR plus further damage to blood vessels (interretinal hemorrhages, venous beading, intraretinal microvascular abnormalities).



### PDR

New vessel formation or vitreous/preretinal hemorrhage or tractional retinal detachment