

Project Development Phase Sprint - 4

Date	16th November 2022
Team ID	PNT2022TMID52366
Project Name	Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy

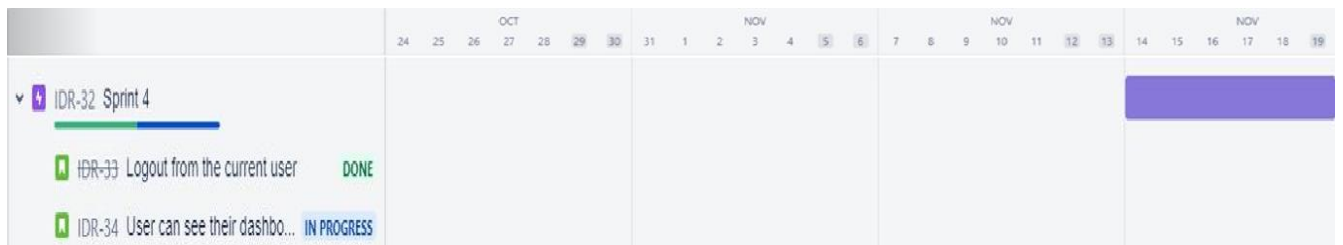
Sprint Plan

Define the initial stages of the problem requirement.
Draw and understand the flowchart of the sprint
Assign tasks to each teammate

Team Tasks

- Logout from the current user
- User can see their dashboard

Progress



Sprint tracker

start date end date current sprint points

14 Nov 2022 19 Nov 2022 15

Velocity for Sprint-4 = 20/10 = 2

Code Snippet

```
@ app.route('/logout')
def logout():
    session.pop('user',None)
    return render_template('logout.html')
```

```

<body>
  <nav class="navbar navbar-expand-lg navbar-light bg-dark">
    <div>
      <a class="navbar-brand" href="#" style="color:aliceblue">Diabetic
Retinopathy</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>
      </ul>
    </div>
  </nav>
  <br><br>
  <div class="d-flex justify-content-center">
    <div class="row d-flex display-3 justify-content-center">
      Successfully Logged Out!
      <br><br>
      <a href="login" class="btn btn-lg btn-dark">Login for more
Information</a>
    </div>
  </div>
</body>

```

Test cases

Test cases	Result
Logs out of current account	Success
Logs out but session not terminated	False
Dashboard not viewed	Failed
Show current user login	Success

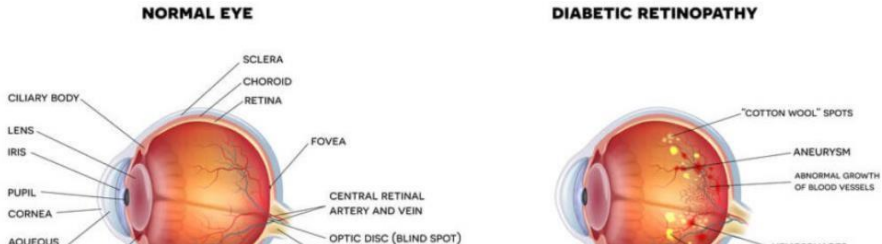
Results

Diabetic Retinopathy Classification

Home Prediction Logged in as santhoshsingh_cs@mepcoeng.ac.in

Diabetic Retinopathy

Diabetic retinopathy is a diabetes complication that affects eyes. It's caused by damage to the blood vessels of the light-sensitive tissue at the back of the eye (retina). At first, diabetic retinopathy might cause no symptoms or only mild vision problems. But it can lead to blindness. The condition can develop in anyone who has type 1 or type 2 diabetes. The longer you have diabetes and the less controlled your blood sugar is, the more likely you are to develop this eye complication.



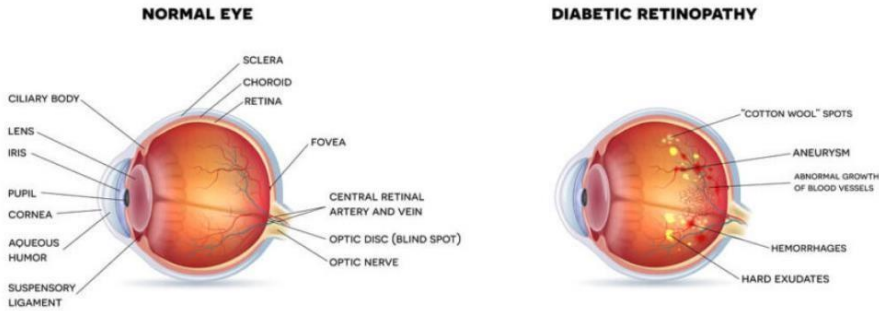
The image contains two diagrams of the human eye. The left diagram, titled 'NORMAL EYE', shows a healthy eye with labels for the CILIARY BODY, LENS, IRIS, PUPIL, CORNEA, AQUEOUS, SCLERA, CHOROID, RETINA, FOVEA, CENTRAL RETINAL ARTERY AND VEIN, OPTIC DISC (BLIND SPOT), and OPTIC NERVE. The right diagram, titled 'DIABETIC RETINOPATHY', shows an eye with various complications: 'COTTON WOOL' SPOTS, ANEURYSM, ABNORMAL GROWTH OF BLOOD VESSELS, and HEMORRHAGES. The diagrams illustrate the damage to the retina and blood vessels caused by diabetic retinopathy.

Diabetic Retinopathy Classification

Home Prediction Login Register

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By seeing the login id information, the user can verify whether the user has been successfully logged in or logged out.