# Project Development Phase
## Model Performance Test

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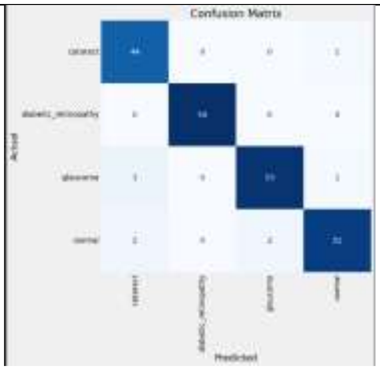
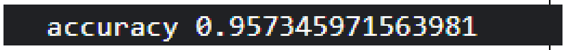
|---|---|
| **Date** | 19 November 2023 |
| **Team ID** | Team-591850 |
| **Project Name** | Eye Disease prediction |
| **Maximum Marks** | 10 Marks |

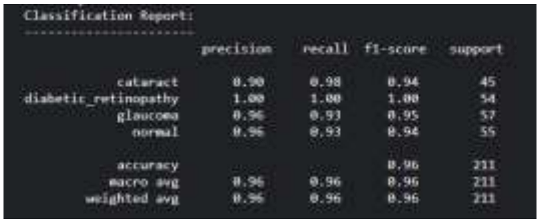
## Model Performance Testing:

<table>
<tr><th>S.No<br>.</th><th>Parameter</th><th>Values</th><th>Screenshot</th></tr>
<tr><td>1.</td><td>Metrics</td><td><b>Regression Model:</b><br>MAE - , MSE - , RMSE - , R2 score -<br><br><b>Classification Model:</b><br>Confusion Matrix - , Accuray Score- &amp; Classification Report -</td><td>





```
accuracy 0.9573459715639981
```



```
Classification Report:
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                      precision    recall  f1-score   support

            cataract       0.90      0.98      0.94        45
diabetic_retinopathy       1.00      1.00      1.00        54
            glaucoma       0.96      0.93      0.95        57
              normal       0.96      0.93      0.94        55

            accuracy                           0.96       211
           macro avg       0.96      0.96      0.96       211
        weighted avg       0.96      0.96      0.96       211
```

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</table>

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|---|---|---|---|
| 2. | Tune the Model | Hyperparameter Tuning -<br>Validation Method - | <br> <br> <br> |

| | | | |
|---|---|---|---|
| | | | <br>[illegible]<br> <br>[illegible]<br>**Hold-out validation**<br> <br>[illegible]<br> <br>[illegible] |