# SPRINT 4

| Team ID | PNT2022TMID04279 |
|---|---|
| Project Name | Personal Expense Tracker Application |

## As a user I can view the graphical form of my expenses category wise & Create IBM DB2 and connect with python

//chart.html

```html
<!DOCTYPE html>

<html lang="en-US">

<body>

<center>

<h1>My Expense Report</h1>


<div id="piechart"></div>


<script type="text/javascript" src="https://www.gstatic.com/charts/loader.js"></script>


<script type="text/javascript">
// Load google charts

google.charts.load('current', {'packages':['corechart']});

google.charts.setOnLoadCallback(drawChart);


const n1 = parseInt(prompt('Enter the amount spent on Rent'));

const n2 = parseInt(prompt('Enter the amount spent on Groceries and utilities '));

const n3 = parseInt(prompt('Enter the amount spent on Education'));

const n4 = parseInt(prompt('Enter the amount spent on Insurance,Bills & emis'));

const n5 = parseInt(prompt('Enter the amount spent on Transportation'));


// Draw the chart and set the chart values

function drawChart() {

  var data = google.visualization.arrayToDataTable([
```

```
      ['Category', 'Tot.amount'],

      ['Rent', n1],

      ['Groceries and utilities', n2],

      ['Education', n3],

      ['Insurance,Bills & emis', n4],

      ['Transportation', n5]

]);


      // Optional; add a title and set the width and height of the chart

      var options = {'title':'Fixed Expenses', 'width':550, 'height':400};


      // Display the chart inside the <div> element with id="piechart"

      var chart = new google.visualization.PieChart(document.getElementById('piechart'));

      chart.draw(data, options);

}


</script>

</center>

</body>

</html>

//chart1.html

<!DOCTYPE html>

<html lang="en-US">

<body>

<center>

<h1>My Expense Report</h1>


<div id="piechart"></div>


<script type="text/javascript" src="https://www.gstatic.com/charts/loader.js"></script>
```

```javascript
<script type="text/javascript">
// Load google charts
google.charts.load('current', {'packages':['corechart']});
google.charts.setOnLoadCallback(drawChart);


const n6 = parseInt(prompt('Enter the amount spent on Shopping and entertainment'));
const n7 = parseInt(prompt('Enter the amount spent on Food and dining'));
const n8 = parseInt(prompt('Enter the amount spent on Travel'));
const n9 = parseInt(prompt('Enter the amount spent on Memberships'));
const n10 = parseInt(prompt('Enter the amount spent on miscellaneous'));


// Draw the chart and set the chart values
function drawChart() {
  var data = google.visualization.arrayToDataTable([
  ['Category', 'Tot.amount'],
  ['Shopping and entertainment', n6],
  ['Food and dining', n7],
  ['Travel', n8],
  ['Memberships', n9],
  ['miscellaneous', n10]
]);

  // Optional; add a title and set the width and height of the chart
  var options = {'title':'Discretionary Expenses', 'width':550, 'height':400};

  // Display the chart inside the <div> element with id="piechart"
  var chart = new google.visualization.PieChart(document.getElementById('piechart'));
  chart.draw(data, options);
}
</script>
```
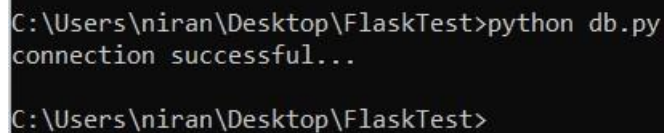
</center>

</body>

</html>

## Create IBM DB2 and connect with python

import ibm_db

ibm_db.pconnect("DATABASE=bludb;HOSTNAME=2f3279a5-73d1-4859-88f0-a6c3e6b4b907.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud;PORT=30756;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=;PWD=;",'','')

print("connection successful...")

O/P: