University of Vocational Technology

Bachelor of Technology
In
Software Technology

2021/22 - B1

Web Application and Technology

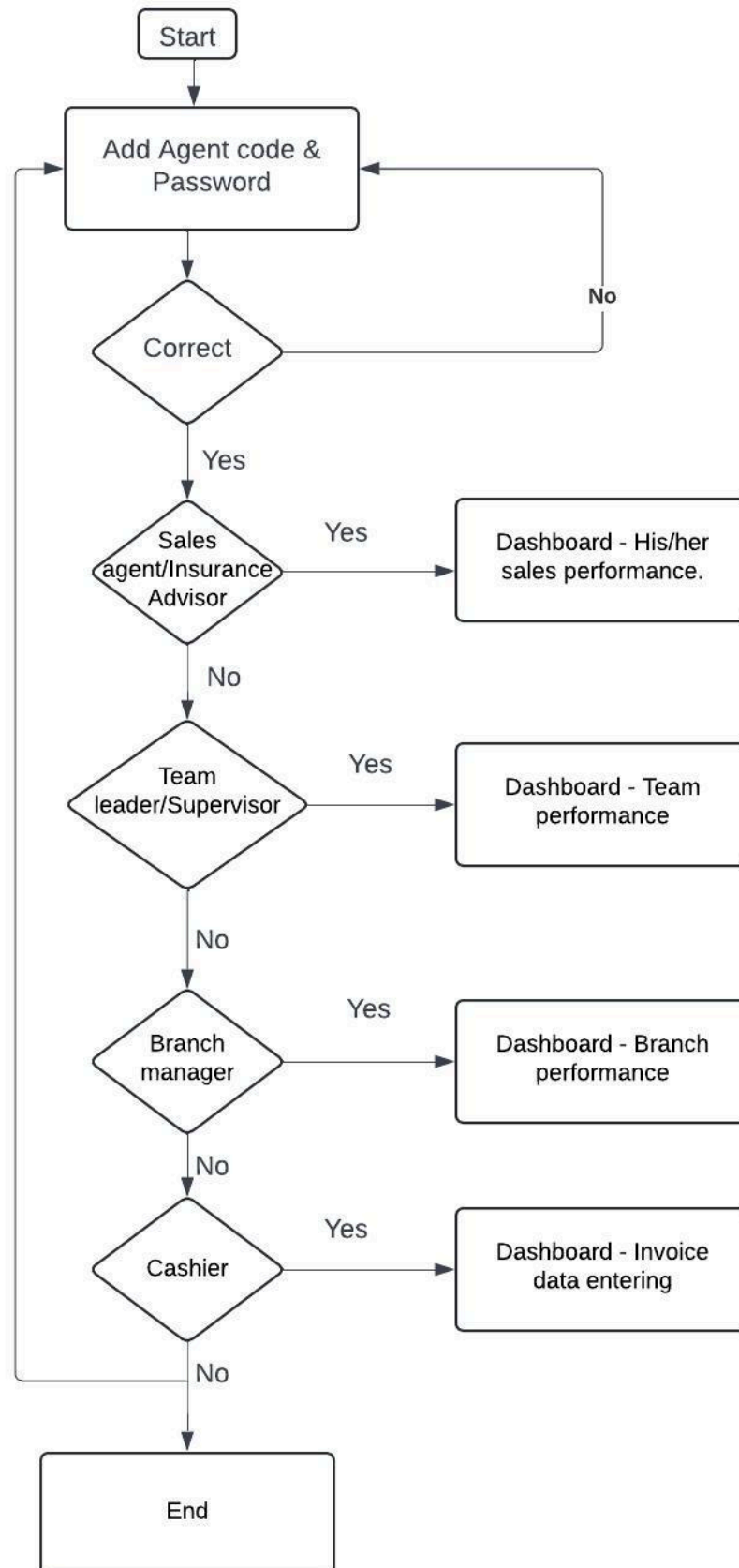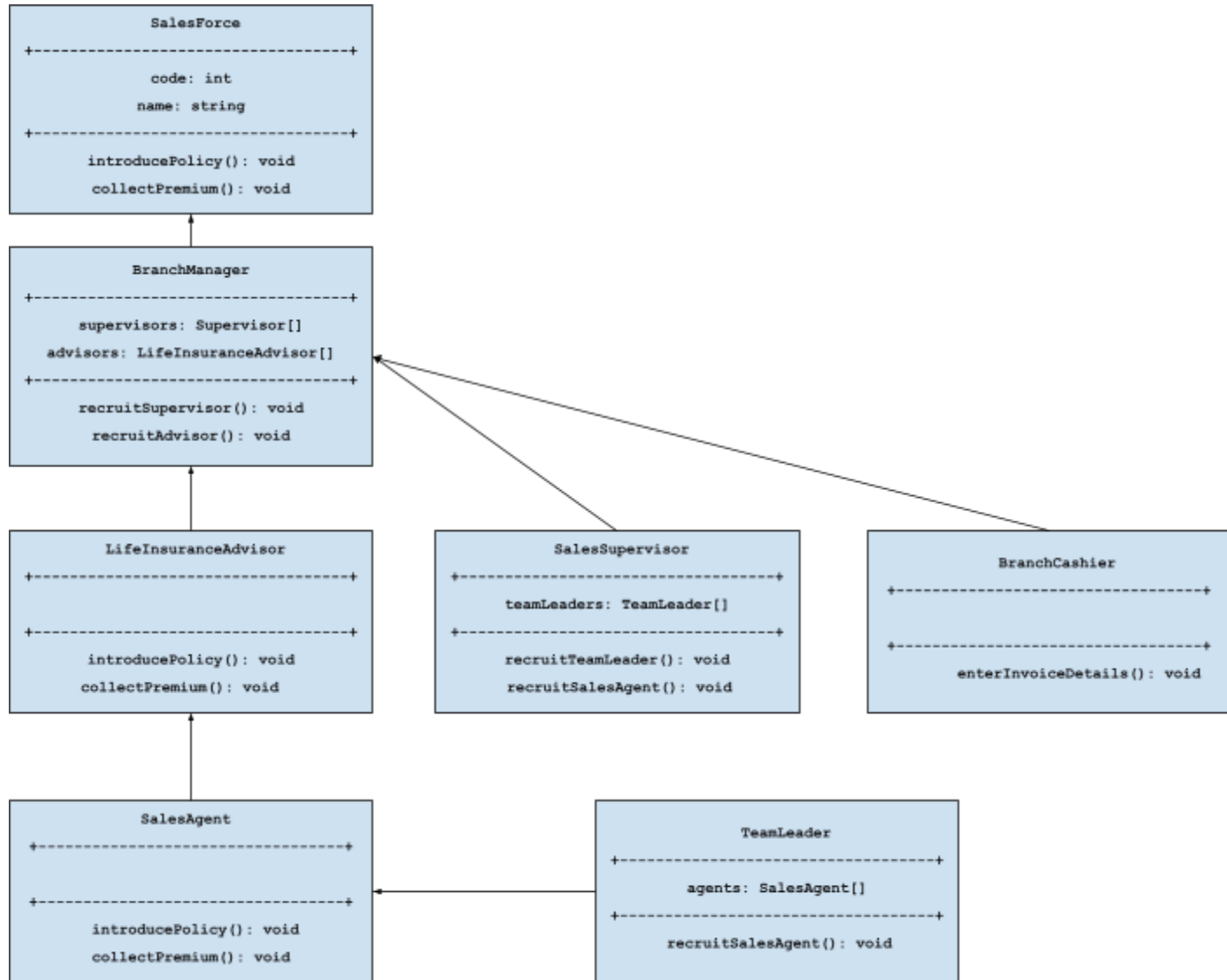## Assignment 8

Reg. No SOF/21/B1/25

Name - G. Diluka Priyashan

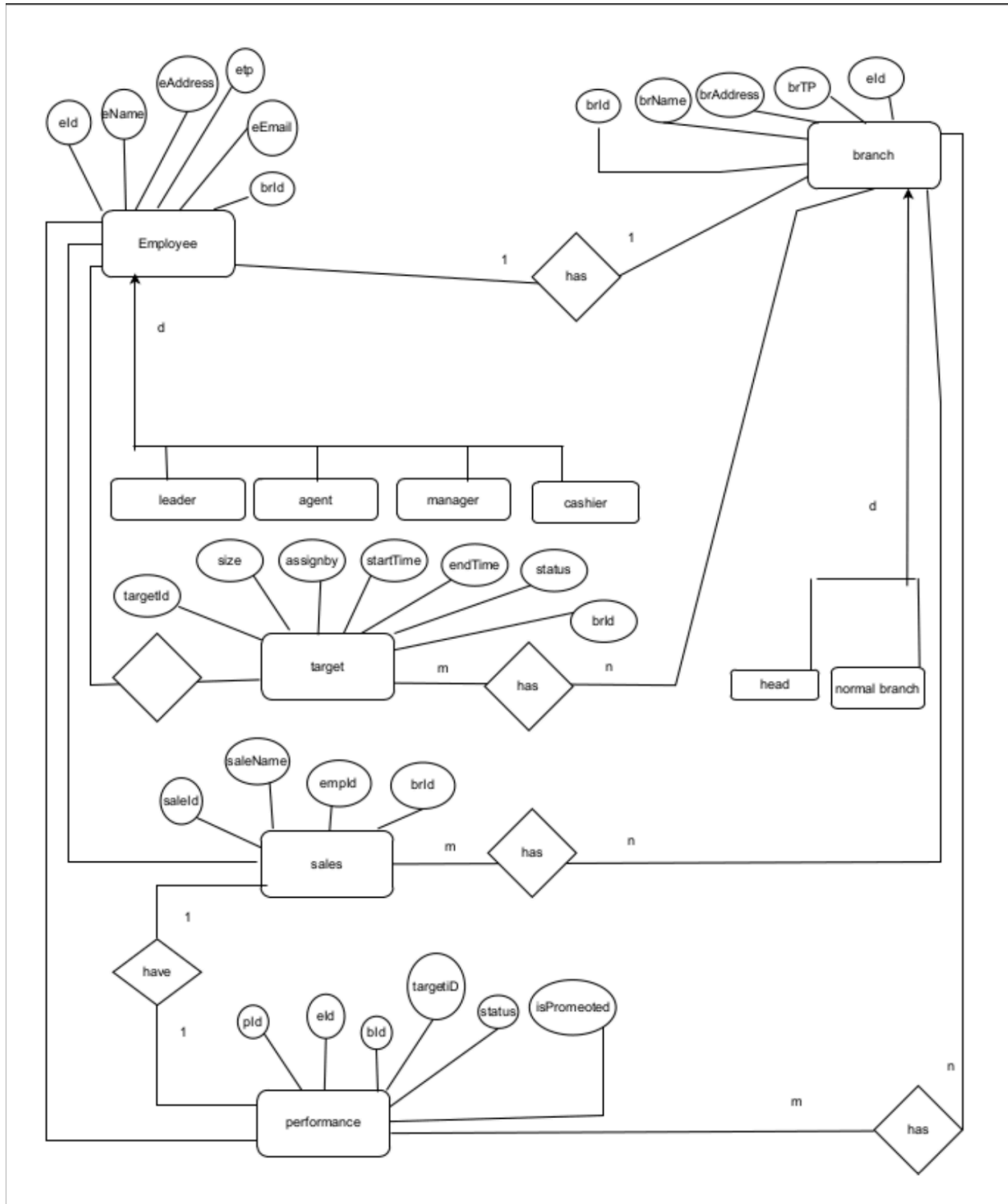01) Logic design document with minimum class diagram and flow chart of each function.

Flow Chart

```
                        ┌──────────┐
                        │  Start   │
                        └────┬─────┘
                             │
                  ┌──────────▼──────────┐
                  │  Add Agent code &   │◄──────────────┐
          ┌──────►│      Password       │               │
          │       └──────────┬──────────┘               │
          │                  │                           │
          │                  ▼                      No   │
          │              ╱───────╲──────────────────────┘
          │             ╱ Correct ╲
          │             ╲         ╱
          │              ╲───────╱
          │                  │ Yes
          │                  ▼
          │          ╱─────────────╲     Yes    ┌──────────────────┐
          │         ╱     Sales      ╲──────────►│ Dashboard - His/her │
          │         ╲ agent/Insurance ╱          │ sales performance.  │
          │          ╲   Advisor     ╱           └──────────────────┘
          │           ╲─────────────╱
          │                  │ No
          │                  ▼
          │          ╱─────────────╲     Yes    ┌──────────────────┐
          │         ╱     Team       ╲──────────►│ Dashboard - Team  │
          │         ╲leader/Supervisor╱          │   performance     │
          │          ╲─────────────╱             └──────────────────┘
          │                  │ No
          │                  ▼
          │          ╱─────────────╲     Yes    ┌──────────────────┐
          │         ╱    Branch      ╲──────────►│ Dashboard - Branch│
          │         ╲   manager      ╱           │   performance     │
          │          ╲─────────────╱             └──────────────────┘
          │                  │ No
          │                  ▼
          │          ╱─────────────╲     Yes    ┌──────────────────┐
          │         ╱    Cashier     ╲──────────►│ Dashboard - Invoice│
          │         ╲               ╱            │  data entering    │
          │          ╲─────────────╱             └──────────────────┘
          │                  │ No
          └──────────────────┤
                             ▼
                      ┌──────────────┐
                      │     End      │
                      └──────────────┘
```

Class Diagram

```
                    SalesForce
+-----------------------------------+
            code: int
            name: string
+-----------------------------------+
        introducePolicy(): void
        collectPremium(): void
```

```
                   BranchManager
+-----------------------------------+
        supervisors: Supervisor[]
      advisors: LifeInsuranceAdvisor[]
+-----------------------------------+
        recruitSupervisor(): void
        recruitAdvisor(): void
```

```
              LifeInsuranceAdvisor
+-----------------------------------+

+-----------------------------------+
        introducePolicy(): void
        collectPremium(): void
```

```
                SalesSupervisor
+-------------------------------------+
        teamLeaders: TeamLeader[]
+-------------------------------------+
        recruitTeamLeader(): void
        recruitSalesAgent(): void
```

```
                  BranchCashier
+-------------------------------------+

+-------------------------------------+
        enterInvoiceDetails(): void
```

```
                 SalesAgent
+-------------------------------------+

+-------------------------------------+
        introducePolicy(): void
        collectPremium(): void
```

```
                  TeamLeader
+-------------------------------------+
        agents: SalesAgent[]
+-------------------------------------+
        recruitSalesAgent(): void
```

02. Database design document with minimum of ER diagram and en?re database design SQL statements.

ER diagram

SQL statements

```sql
CREATE TABLE `branch` (
`br_Id` int(11) NOT NULL,
`br_Name` varchar(255) NOT NULL,
`br_Address` varchar(255) NOT NULL,
`br_Tp` varchar(255) NOT NULL,
`br_Email` varchar(25) NOT NULL,
`eId` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;


CREATE TABLE `cashier` (
`cashier_Id` int(11) NOT NULL,
`cashier_Name` varchar(50) NOT NULL,
`cashier_Address` varchar(20) NOT NULL,
`cashier_TP` varchar(10) NOT NULL,
`cashier_Email` varchar(30) NOT NULL,
`br_Id` int(11) NOT NULL,
`emp_Id` int(11) NOT NULL,
`cashier_IdPassword` varchar(20) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;


CREATE TABLE `employee` (
`emp_Id` int(11) NOT NULL,
`br_Id` int(255) NOT NULL,
`empRole` varchar(255) NOT NULL,
`empPassword` varchar(20) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```
5
```sql
CREATE TABLE `invoice` (
`invoice_Id` int(11) NOT NULL,
`br_Id` int(11) NOT NULL,
`Issue_Date` date NOT NULL,
`amount` int(11) NOT NULL,
`supervisor_Id` varchar(11) NOT NULL,
`sale_Id` varchar(11) NOT NULL,
`policy_Number` varchar(11) NOT NULL,
`payment_Freq` varchar(20) NOT NULL,
```

```sql
`cashHand_OverDate` date NOT NULL,
`agent_Signature` varchar(50) NOT NULL,
`team_LeaderCode` varchar(20) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;


CREATE TABLE `manager` (
`manager_Id` int(11) NOT NULL,
`manager_Name` varchar(20) NOT NULL,
`manager_Address` varchar(20) NOT NULL,
`manager_Tp` int(10) NOT NULL,
`manager_Emaill` varchar(20) NOT NULL,
`br_Id` int(11) NOT NULL,
`emp_Id` int(11) NOT NULL,
`managerPassword` varchar(20) NOT NULL
)

CREATE TABLE `managerview` (
);

CREATE TABLE `performance` (
`per_Id` int(11) NOT NULL,
`status` varchar(20) NOT NULL,
`ispromted` tinyint(1) NOT NULL,
`emp_Id` int(11) NOT NULL,
`br_Id` int(11) NOT NULL,
`tr_Id` int(11) NOT NULL,
`sale_Id` int(11) NOT NUL
6
CREATE TABLE `target`
(
`tr_Id` int(11) NOT NULL,
`amount` int(11) NOT NULL,
`assigned_By` varchar(20) NOT NULL,
`start_Time` date NOT NULL,
`end_Time` date NOT NULL,
`status` varchar(10) NOT NULL,
`br_Id` int(11) NOT NULL
)
CREATE TABLE `totalsales`
(
`sale_Id` int(11) NOT NULL,
```

```sql
`sale_Name` int(11) NOT NULL,
`emp_Id` int(11) NOT NULL,
`br_Id` int(11) NOT NULL
)
ALTER
TABLE `cashier`
ADD PRIMAR
Y KEY (`cashier_Id`),
ADD KEY `fk_cashier` (`br_Id`),
ADD KEY `fk_cashier_emp` (`emp_Id`);
ALTER
TABLE `cashier`
ADD PRIMAR
Y KEY (`cashier_Id`),
ADD KEY `fk_cashier` (`br_Id`),
ADD KEY `fk_cashier_emp` (`emp_Id`);
--
-- Indexes for table `employee`
--
ALTER
TABLE `employee`
ADD PRIMAR
Y KEY (`emp_Id`),
ADD KEY `fk_branch` (`br_Id`);
--
-- Indexes for table `invoice`
--
ALTER
TABLE `invoice`
ADD PRIMAR
Y KEY (`invoiceId`),
ADD KEY `fk_invoice-branch` (`br_Id`);
7
--
-- Indexes for table `manager`
--
ALTER TABLE `manager`
ADD KEY `fk_manager_emp` (`emp_Id`),
ADD KEY `fk_manager_branch` (`br_Id`);
--
-- Indexes for table `performance`
--
```

```sql
ALTER TABLE `performance`
ADD KEY `fk_performance-emp` (`emp_Id`),
ADD KEY `fk-performace-branch` (`br_Id`),
ADD KEY `fk-performace-target` (`tr_Id`);
--
-- Indexes for table `target`
--
ALTER TABLE `target`
ADD PRIMARY KEY (`tr_Id`);
--
-- Indexes for table `totalsales`
--
ALTER TABLE `totalsales`
ADD KEY `fk_sales-emp` (`emp_Id`),
ADD KEY `fk_sales-branch` (`br_Id`);
--
-- AUTO_INCREMENT for dumped tables
--
--
-- AUTO_INCREMENT for table `branch`
--
ALTER TABLE `branch`
MODIFY `br_Id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=4;
--
8
-- AUTO_INCREMENT for table `employee`
--
ALTER TABLE `employee`
MODIFY `emp_Id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=12;
--
-- AUTO_INCREMENT for table `invoice`
--
ALTER TABLE `invoice`
MODIFY `invoiceId` int(11) NOT NULL AUTO_INCREMENT;
--
-- AUTO_INCREMENT for table `target`
--
ALTER TABLE `target`
MODIFY `tr_Id` int(11) NOT NULL AUTO_INCREMENT;
--
-- Constraints for dumped tables
--
```

```sql
--
-- Constraints for table `cashier`
--
ALTER TABLE `cashier`
ADD CONSTRAINT `fk_cashier` FOREIGN KEY (`br_Id`) REFERENCES `branch`
(`br_Id`),
ADD CONSTRAINT `fk_cashier_emp` FOREIGN KEY (`emp_Id`) REFERENCES
`employee` (`emp_Id`);
--
-- Constraints for table `employee`
--
ALTER TABLE `employee`
ADD CONSTRAINT `fk_branch` FOREIGN KEY (`br_Id`) REFERENCES `branch`
(`br_Id`);
--
-- Constraints for table `invoice`
--
9
ALTER TABLE `invoice`
ADD CONSTRAINT `fk_invoice-branch` FOREIGN KEY (`br_Id`) REFERENCES
`branch` (`br_Id`);
--
-- Constraints for table `manager`
--
ALTER TABLE `manager`
ADD CONSTRAINT `fk_manager_branch` FOREIGN KEY (`br_Id`) REFERENCES
`branch` (`br_Id`),
ADD CONSTRAINT `fk_manager_emp` FOREIGN KEY (`emp_Id`) REFERENCES
`employee` (`emp_Id`);
--
-- Constraints for table `performance`
--
ALTER TABLE `performance`
ADD CONSTRAINT `fk-performace-branch` FOREIGN KEY (`br_Id`) REFERENCES
`branch` (`br_Id`),
ADD CONSTRAINT `fk-performace-target` FOREIGN KEY (`tr_Id`) REFERENCES
`target` (`tr_Id`),
ADD CONSTRAINT `fk_performance-emp` FOREIGN KEY (`emp_Id`) REFERENCES
`employee` (`emp_Id`);
--
-- Constraints for table `target`
--
```

```
ALTER TABLE `target`
ADD CONSTRAINT `fk_target` FOREIGN KEY (`tr_Id`) REFERENCES `branch`
(`br_Id`);
--
-- Constraints for table `totalsales`
--
ALTER TABLE `totalsales`
ADD CONSTRAINT `fk_sales-branch` FOREIGN KEY (`br_Id`) REFERENCES
`branch` (`br_Id`),
ADD CONSTRAINT `fk_sales-emp` FOREIGN KEY (`emp_Id`) REFERENCES
`employee` (`emp_Id`);
COMMIT;

INSERT INTO `branch` (`br_Id`, `br_Name`, `br_Address`, `br_Tp`, `br_Email`, `e_Id`)
VALUES
(1, 'Rathnapura', 'New Town,Rathnapura', '0456768096', 'rathnapura@lifebackup.com',
1);
```

03. Source Codes

Attached here with this document after the Test plan section.

Below is the link to GitHub Repository.

GitRepository

04. Test Plan

Feature	Scenario	Steps	Expected Result
Login UI	Title	Verify title "Sales performance evaluation system"	Title should be "Sales performance evaluation system"
	Verify text fields	Verify Agent code and password sections in UI to add credentials	There should be Agent code and password sections in UI to add credentials
		Verify user is able to type characters in Agent code and password sections in UI	User should be able to type characters in Agent code and password sections in UI
		Verify the typed password characters are appearing as * symbols	Typed password characters are appearing as * symbols
		Verify Login button clickable	Should be able to click on login button
Login/Logout	Successful login	- Add Correct Agent code & password combination	User should be able to log in to the system successfully

		- Click on Login button	
	Log Out	Click on Sign Out button	User should be able to log out successfully and navigate to homepage
	Unsuccessful login	- Add correct Agent code & incorrect password combination - Click on Login button	User should not be able to log in to the system
	Unsuccessful login	- Add incorrect Agent code & correct password combination - Click on Login button	User should not be able to log in to the system
	Unsuccessful login	- Add incorrect Agent code & password combination - Click on Login button	User should not be able to log in to the system
Role based dashboard validation	Sales agent login	- Add Correct Agent code & password combination of a sales agent - Click on Login button	User should be able to log in to the system successfully
		Verify dashboard for sales agent	Should be able to see his sales performance.
		Verify sales agent is not able to see team and branch performance	Should not be be able to see team and branch performance
	Insurance advisor login	- Add Correct Agent code & password combination of a life insurance advisor - Click on Login button	User should be able to log in to the system successfully
		Verify dashboard for life insurance advisor	Should be able to see his sales performance.
		Verify Insurance advisor is not able to see team and branch performance	Should not be be able to see team and branch performance
	Team leader login	- Add Correct Agent code & password combination of a team leader - Click on Login button	User should be able to log in to the system successfully
		Verify dashboard for team leader	Should be able to see his team performance.
		Verify team leader is not able to see branch performance	Should not be be able to see branch performance
	Supervisor login	- Add Correct Agent code & password combination of a Supervisor - Click on Login button	User should be able to log in to the system successfully
		Verify dashboard for Supervisor	Should be able to see his team

			performance.
		Verify supervisor is not able to see branch performance	Should not be be able to see branch performance
	Branch manager login	- Add Correct Agent code & password combination of a branch manager - Click on Login button	User should be able to log in to the system successfully
		Verify dashboard for branch manager	Should be able to see his branch performance.
		Verify the sections in dashboard for Branch Manager	Should be available below sections with percentages - Recruit Sales Agents - Recruit Team Leaders - Recruit LIA - Recruit Sales Supervisors - No Of New Policies - Total Premium Collection
	Cashier	- Add Correct Agent code & password combination of a cashier - Click on Login button	User should be able to log in to the system successfully
		Verify the UI to enter the data for cashier	Should be available all the below fields in UI to add invoice data 01) Branch Code KB-01 (Kesbewa First Banch) 02) Supervisor Code 12379 03) Team Leader Code 27435 04) Sales Agent Code 40360 05) Invoice Date 2024-04-04 06) Policy Number 13459844 07) Premium Amount LKR 1788.00 08) Payment Frequent Monthly / Quarter / By Annual / Annual 09) Agent Signature Yes 10) Cash Handed Over Date
		Verify Data saving by Cashier after click on Save button	Should be able to save the entered data successfully
		Verify the saved data in DB	The entered data should be saved in DB properly under correct tables

Source Codes

01. DashBoardAdmin

```html
<!DOCTYPE html>
<html>

<head>
   <title>Admin Dashboard</title>
   <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>

<body>
   <nav class="navbar navbar-expand-lg navbar-light bg-light">
      <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle
navigation">
         <span class="navbar-toggler-icon"></span>
      </button>
   </nav>

   <div class="container-fluid">
      <div class="row">
         <nav class="col-md-2 d-none d-md-block bg-light sidebar">
            <div class="sidebar-sticky">
               <?php include "navBar.php"; ?>
            </div>
         </nav>

         <main role="main" class="col-md-9 ml-sm-auto col-lg-10 px-4">
            <div class="d-flex justify-content-between flex-wrap flex-md-nowrap align-items-center
pt-3 pb-2 mb-3 border-bottom">
               <h1 class="h2"> Admin Dashboard</h1>
            </div>

            <div class="row mt-5">
               <div class="col-md-4">
                  <div class="card text-white bg-primary mb-3">
```

```
        <div class="card-header">Admin Dashboard</div>
        <div class="card-body d-flex justify-content-between">
          <h5 class="card-title">$10000</h5>
          <h5 class="card-title">$13</h5>
          <h5 class="card-title">65%</h5>
        </div>

      </div>
    </div>
    <div class="col-md-4">
      <div class="card text-white bg-success mb-3">
        <div class="card-header">Recruit Team Leaders</div>
        <div class="card-body d-flex justify-content-between">
          <h5 class="card-title">$10000</h5>
          <h5 class="card-title">$13</h5>
          <h5 class="card-title">65%</h5>
        </div>
      </div>
    </div>
    <div class="col-md-4">
      <div class="card text-white bg-danger mb-3">
        <div class="card-header">Recruit LIA</div>
        <div class="card-body d-flex justify-content-between">
          <h5 class="card-title">$10000</h5>
          <h5 class="card-title">$13</h5>
          <h5 class="card-title">65%</h5>
        </div>
      </div>
    </div>
    <div class="col-md-4">
      <div class="card text-white bg-primary mb-3">
        <div class="card-header">Recruit Sales Supervisor</div>
        <div class="card-body d-flex justify-content-between">
          <h5 class="card-title">$10000</h5>
          <h5 class="card-title">$13</h5>
          <h5 class="card-title">65%</h5>
        </div>

      </div>
    </div>
    <div class="col-md-4">
      <div class="card text-white bg-success mb-3">
        <div class="card-header">No of New Polices</div>
        <div class="card-body d-flex justify-content-between">
```

```html
                    <h5 class="card-title">$10000</h5>
                    <h5 class="card-title">$13</h5>
                    <h5 class="card-title">65%</h5>
                </div>
            </div>
        </div>
        <div class="col-md-4">
            <div class="card text-white bg-danger mb-3">
                <div class="card-header">Total Preminum Collection</div>
                <div class="card-body d-flex justify-content-between">
                    <h5 class="card-title">$10000</h5>
                    <h5 class="card-title">$13</h5>
                    <h5 class="card-title">65%</h5>
                </div>
            </div>
        </div>
    </div>
    <div class="row">
        <div class="col-md-12">
            <canvas id="myChart"></canvas>
        </div>
    </div>
</main>
</div>
</div>

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/chart.js"></script>

<script>
    var ctx = document.getElementById('myChart').getContext('2d');
    var myChart = new Chart(ctx, {
        type: 'bar',
        data: {
            labels: ['Red', 'Blue', 'Yellow', 'Green', 'Purple', 'Orange'],
            datasets: [{
                label: '# of Votes',
                data: [12, 19, 3, 5, 2, 3],
                backgroundColor: [
                    'rgba(255, 99, 132, 0.2)',
                    'rgba(54, 162, 235, 0.2)',
```

```
                    'rgba(255, 206, 86, 0.2)',
                    'rgba(75, 192, 192, 0.2)',
                    'rgba(153, 102, 255, 0.2)',
                    'rgba(255, 159, 64, 0.2)'
                ],
                borderColor: [
                    'rgba(255, 99, 132, 1)',
                    'rgba(54, 162, 235, 1)',
                    'rgba(255, 206, 86, 1)',
                    'rgba(75, 192, 192, 1)',
                    'rgba(153, 102, 255, 1)',
                    'rgba(255, 159, 64, 1)'
                ],
                borderWidth: 1
            }]
        },
        options: {
            scales: {
                y: {
                    beginAtZero: true
                }
            }
        }
    });
    </script>
</body>

</html>


DashBoardCashier
<!DOCTYPE html>
<html>

<head>
    <title>Dashboard Cashier</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>

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

```html
      <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle
navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
   </nav>

   <div class="container-fluid">
      <div class="row">
         <nav class="col-md-2 d-none d-md-block bg-light sidebar">
            <div class="sidebar-sticky">
               <?php include "navBar.php"; ?>
            </div>
         </nav>

         <main role="main" class="col-md-9 ml-sm-auto col-lg-10 px-4">
            <div class="d-flex justify-content-between flex-wrap flex-md-nowrap align-items-center
pt-3 pb-2 mb-3 border-bottom">
               <h1 class="h2"> Cashier Dashboard</h1>
            </div>
            <div class="row">
               <div class="col-md-12">
                  <div class="col">
                     <div>
                        <form id="cashierForm">
                           <div class="row">
                              <div class="col">
                                 <div class="form-group mb-3">
                                    <label for="productName">Branch Code</label>
                                    <select class="form-select" id="branchCode">
                                       <option>Select payment frequency</option>
                                       <option value="1">Hikkaduwa</option>
                                       <option value="1">Galle</option>
                                       <option value="1">Jaffna</option>
                                    </select>
                                 </div>
                                 <div class="form-group mb-3">
                                    <label for="productPrice">Team Leader code</label>
                                    <select  class="form-select" id="teamLeaderCode">
                                       <option>Select Team LeaderCode</option>
                                       <option value="10001">10001</option>
                                       <option value="10002">10002</option>
                                       <option value="10003">10003</option>
                                    </select>
```

```html
</div>

<div class="form-group mb-3">
    <label for="productName">Invoice Date</label>
    <input type="date" class="form-control" id="invoiceDate">
</div>
<div class="form-group mb-3">
    <label for="productPrice">Premium Amount</label>
</div>
<input type="number" class="form-control" id="premiumAmount" placeholder="Enter PremiumAmount">
            <div class="form-group mb-3">
                <label for="productName">Agent Signature</label>
                <input type="text" class="form-control" id="agentSignature" placeholder="Agent Signature">
            </div>


</div>
<div class="col">
    <div class="form-group mb-3">
        <label for="productQuantity">Supervisor Code</label>
        <select class="form-select" id="supervisorCode">
            <option>Select SupervisorCode</option>
            <option value="10001">10001</option>
            <option value="10002">10002</option>
            <option value="10006">10006</option>
        </select>
    </div>
    <div class="form-group mb-3">
        <label for="productName">Sales Agent Code</label>
        <select class="form-select" id="salesAgentCode">
            <option>Select Sales Agent</option>
            <option value="10001">10001</option>
            <option value="10002">10002</option>
            <option value="10006">10006</option>
        </select>
    </div>
    <div class="form-group mb-3">
        <label for="productQuantity">Policy Number</label>
        <input type="text" class="form-control" id="policyNumber" placeholder="Enter policyNumber">
    </div>
    <div class="form-group mb-3">Payment Frequent</label>
```

```html
                            <select class="form-select" id="paymentFrequent">
                                <option>Select Payment Frequent</option>
                                <option value="monthly">monthly</option>
                                <option value="weekly">weekly</option>
                                <option value="daily">daily</option>
                            </select>
                        </div>
                        <div class="form-group mb-3">Cash Handed Over Date</label>
                            <input type="date" class="form-control" id="cashHandOverDate"
placeholder="Enter Cash Handed OverDate">
                        </div>
                        <!-- Other form fields... -->
                        <div class="d-flex align-items-end">
                            <button type="submit" class="btn btn-primary">Submit</button>
                        </div>
                    </div>
                </div>
            </form>

            </div>
          </div>
        </div>
      </main>
    </div>
  </div>

  <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
  <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>
  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>
  <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>

  <script>
    var ctx = document.getElementById('myChart').getContext('2d');
    var myChart = new Chart(ctx, {
      type: 'bar',
      data: {
        labels: ['Red', 'Blue', 'Yellow', 'Green', 'Purple', 'Orange'],
        datasets: [{
          label: '# of Votes',
          data: [12, 19, 3, 5, 2, 3],
          backgroundColor: [
            'rgba(255, 99, 132, 0.2)',
            'rgba(54, 162, 235, 0.2)',
```

```
            'rgba(255, 206, 86, 0.2)',
            'rgba(75, 192, 192, 0.2)',
            'rgba(153, 102, 255, 0.2)',
            'rgba(255, 159, 64, 0.2)'
          ],
          borderColor: [
            'rgba(255, 99, 132, 1)',
            'rgba(54, 162, 235, 1)',
            'rgba(255, 206, 86, 1)',
            'rgba(75, 192, 192, 1)',
            'rgba(153, 102, 255, 1)',
            'rgba(255, 159, 64, 1)'
          ],
          borderWidth: 1
        }]
      },
      options: {
        scales: {
          y: {
            beginAtZero: true
          }
        }
      }
    }
  });

$(document).ready(function() {
    $("#cashierForm").on('submit', function(e) {
        e.preventDefault();
        $.ajax({
            url: 'cashierData.php',
            type: 'POST',
            data: $(this).serialize(),
            success: function(data) {
                console.log('Cashier data is', data);
                if (data == 'success') {
                    //console.log(data);
                    $('#cashierForm').load('cashier-dashboard.php');
                } else {
                    alert('Error in fetching da ta');
                }
            },
            error: function() {
                alert('Error occurred while processing your request.');
            }
```

```
                });
            });
        });
    </script>

</body>

</html>
```

02. DashBoardLifeInsurenceAdvisor

```html
<!DOCTYPE html>
<html>

<head>
    <title>Life Insurance Dashboard</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>

<body>
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle
navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
    </nav>

    <div class="container-fluid">
        <div class="row">
            <nav class="col-md-2 d-none d-md-block bg-light sidebar">
                <div class="sidebar-sticky">
                    <?php include "navBar.php"; ?>
                </div>
            </nav>

            <main role="main" class="col-md-9 ml-sm-auto col-lg-10 px-4">
                <div class="d-flex justify-content-between flex-wrap flex-md-nowrap align-items-center
pt-3 pb-2 mb-3 border-bottom">
                    <h1 class="h2">Life Insurance Dashboard</h1>
                </div>
```

```html
<div class="row mt-5">
    <div class="col-md-4">
        <div class="card text-white bg-primary mb-3">
            <div class="card-header">Life Insurance Dashboard</div>
            <div class="card-body d-flex justify-content-between">
                <h5 class="card-title">$10000</h5>
                <h5 class="card-title">$13</h5>
                <h5 class="card-title">65%</h5>
            </div>

        </div>
    </div>



    <div class="col-md-4">
        <div class="card text-white bg-danger mb-3">
            <div class="card-header">Life Insurance</div>
            <div class="card-body d-flex justify-content-between">
                <h5 class="card-title">$10000</h5>
                <h5 class="card-title">$13</h5>
                <h5 class="card-title">65%</h5>
            </div>
        </div>
    </div>
</div>
<div class="row">
    <div class="col-md-12">
        <canvas id="myChart"></canvas>
    </div>
</div>
</div>
</main>
</div>
</div>

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/chart.js"></script>

<script>
    var ctx = document.getElementById('myChart').getContext('2d');
    var myChart = new Chart(ctx, {
```

```
        type: 'bar',
        data: {
            labels: ['Red', 'Blue', 'Yellow', 'Green', 'Purple', 'Orange'],
            datasets: [{
                label: '# of Votes',
                data: [12, 19, 3, 5, 2, 3],
                backgroundColor: [
                    'rgba(255, 99, 132, 0.2)',
                    'rgba(54, 162, 235, 0.2)',
                    'rgba(255, 206, 86, 0.2)',
                    'rgba(75, 192, 192, 0.2)',
                    'rgba(153, 102, 255, 0.2)',
                    'rgba(255, 159, 64, 0.2)'
                ],
                borderColor: [
                    'rgba(255, 99, 132, 1)',
                    'rgba(54, 162, 235, 1)',
                    'rgba(255, 206, 86, 1)',
                    'rgba(75, 192, 192, 1)',
                    'rgba(153, 102, 255, 1)',
                    'rgba(255, 159, 64, 1)'
                ],
                borderWidth: 1
            }]
        },
        options: {
            scales: {
                y: {
                    beginAtZero: true
                }
            }
        }
    });
  </script>
</body>

</html>
```

03. DashBoardManager

```
<!DOCTYPE html>
<html>

<head>
```

```html
    <title>Sales Manager Dashboard</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>

<body>
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle
navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
    </nav>

    <div class="container-fluid">
        <div class="row">
            <nav class="col-md-2 d-none d-md-block bg-light sidebar">
                <div class="sidebar-sticky">
                    <?php include "navBar.php"; ?>
                </div>
            </nav>

            <main role="main" class="col-md-9 ml-sm-auto col-lg-10 px-4">
                <div class="d-flex justify-content-between flex-wrap flex-md-nowrap align-items-center
pt-3 pb-2 mb-3 border-bottom">
                    Sales Manager Dashboard
                </div>

                <div class="row mt-5">
                    <div class="col-md-4">
                        <div class="card text-white bg-primary mb-3">
                            <div class="card-header">Recruit Sales Agent</div>
                            <div class="card-body d-flex justify-content-between">
                                <h5 class="card-title">$10000</h5>
                                <h5 class="card-title">$13</h5>
                                <h5 class="card-title">65%</h5>
                            </div>

                        </div>
                    </div>
                    <div class="col-md-4">
                        <div class="card text-white bg-success mb-3">
                            <div class="card-header">Recruit Team Leaders</div>
                            <div class="card-body d-flex justify-content-between">
```

```html
          <h5 class="card-title">$10000</h5>
          <h5 class="card-title">$13</h5>
          <h5 class="card-title">65%</h5>
        </div>
      </div>
    </div>
    <div class="col-md-4">
      <div class="card text-white bg-danger mb-3">
        <div class="card-header">Recruit LIA</div>
        <div class="card-body d-flex justify-content-between">
          <h5 class="card-title">$10000</h5>
          <h5 class="card-title">$13</h5>
          <h5 class="card-title">65%</h5>
        </div>
      </div>
    </div>
    <div class="col-md-4">
      <div class="card text-white bg-primary mb-3">
        <div class="card-header">Recruit Sales Supervisor</div>
        <div class="card-body d-flex justify-content-between">
          <h5 class="card-title">$10000</h5>
          <h5 class="card-title">$13</h5>
          <h5 class="card-title">65%</h5>
        </div>

      </div>
    </div>
    <div class="col-md-4">
      <div class="card text-white bg-success mb-3">
        <div class="card-header">No of New Polices</div>
        <div class="card-body d-flex justify-content-between">
          <h5 class="card-title">$10000</h5>
          <h5 class="card-title">$13</h5>
          <h5 class="card-title">65%</h5>
        </div>
      </div>
    </div>
    <div class="col-md-4">
      <div class="card text-white bg-danger mb-3">
        <div class="card-header">Total Preminum Collection</div>
        <div class="card-body d-flex justify-content-between">
          <h5 class="card-title">$10000</h5>
          <h5 class="card-title">$13</h5>
          <h5 class="card-title">65%</h5>
```

```
                    </div>
                  </div>
                </div>
              </div>
              <div class="row">
                <!-- <div class="col-md-12">
                    <canvas id="myChart"></canvas>
                </div> -->
              </div>
            </main>
          </div>
        </div>

    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>
    <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>

    <script>
      var ctx = document.getElementById('myChart').getContext('2d');
      var myChart = new Chart(ctx, {
        type: 'bar',
        data: {
          labels: ['Red', 'Blue', 'Yellow', 'Green', 'Purple', 'Orange'],
          datasets: [{
            label: '# of Votes',
            data: [12, 19, 3, 5, 2, 3],
            backgroundColor: [
              'rgba(255, 99, 132, 0.2)',
              'rgba(54, 162, 235, 0.2)',
              'rgba(255, 206, 86, 0.2)',
              'rgba(75, 192, 192, 0.2)',
              'rgba(153, 102, 255, 0.2)',
              'rgba(255, 159, 64, 0.2)'
            ],
            borderColor: [
              'rgba(255, 99, 132, 1)',
              'rgba(54, 162, 235, 1)',
              'rgba(255, 206, 86, 1)',
              'rgba(75, 192, 192, 1)',
              'rgba(153, 102, 255, 1)',
              'rgba(255, 159, 64, 1)'
            ],
```

```
                borderWidth: 1
            }]
        },
        options: {
            scales: {
                y: {
                    beginAtZero: true
                }
            }
        }
    });
    </script>
</body>

</html>
```

04. DashBoardSalesAgent

```
<!DOCTYPE html>
<html>

<head>
    <title>Sales Agent Dashboard</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>

<body>
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle
navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
    </nav>

    <div class="container-fluid">
        <div class="row">
            <nav class="col-md-2 d-none d-md-block bg-light sidebar">
                <div class="sidebar-sticky">
                    <?php include "navBar.php"; ?>
                </div>
            </nav>
```

```html
<main role="main" class="col-md-9 ml-sm-auto col-lg-10 px-4">
    <div class="d-flex justify-content-between flex-wrap flex-md-nowrap align-items-center pt-3 pb-2 mb-3 border-bottom">
        <h1 class="h2"> Sales Agent Dashboard</h1>
    </div>

    <div class="row mt-5">
        <div class="col-md-4">
            <div class="card text-white bg-primary mb-3">
                <div class="card-header">Sales Agent Dashboard</div>
                <div class="card-body d-flex justify-content-between">
                    <h5 class="card-title">$10000</h5>
                    <h5 class="card-title">$13</h5>
                    <h5 class="card-title">65%</h5>
                </div>

            </div>
        </div>


        <div class="col-md-4">
            <div class="card text-white bg-danger mb-3">
                <div class="card-header">Total Preminum Collection</div>
                <div class="card-body d-flex justify-content-between">
                    <h5 class="card-title">$10000</h5>
                    <h5 class="card-title">$13</h5>
                    <h5 class="card-title">65%</h5>
                </div>
            </div>
        </div>
    </div>
    <div class="row">
        <div class="col-md-12">
            <canvas id="myChart"></canvas>
        </div>
    </div>
</main>
    </div>
    </div>

    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>
```

```html
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/chart.js"></script>

<script>
    var ctx = document.getElementById('myChart').getContext('2d');
    var myChart = new Chart(ctx, {
        type: 'bar',
        data: {
            labels: ['Red', 'Blue', 'Yellow', 'Green', 'Purple', 'Orange'],
            datasets: [{
                label: '# of Votes',
                data: [12, 19, 3, 5, 2, 3],
                backgroundColor: [
                    'rgba(255, 99, 132, 0.2)',
                    'rgba(54, 162, 235, 0.2)',
                    'rgba(255, 206, 86, 0.2)',
                    'rgba(75, 192, 192, 0.2)',
                    'rgba(153, 102, 255, 0.2)',
                    'rgba(255, 159, 64, 0.2)'
                ],
                borderColor: [
                    'rgba(255, 99, 132, 1)',
                    'rgba(54, 162, 235, 1)',
                    'rgba(255, 206, 86, 1)',
                    'rgba(75, 192, 192, 1)',
                    'rgba(153, 102, 255, 1)',
                    'rgba(255, 159, 64, 1)'
                ],
                borderWidth: 1
            }]
        },
        options: {
            scales: {
                y: {
                    beginAtZero: true
                }
            }
        }
    });
</script>
</body>

</html>
```

05. DashboardTeamLead

```html
<!DOCTYPE html>
<html>

<head>
    <title>TeamLead Dashboard</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>

<body>
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle
navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
    </nav>

    <div class="container-fluid">
        <div class="row">
            <nav class="col-md-2 d-none d-md-block bg-light sidebar">
                <div class="sidebar-sticky">
                    <?php include "navBar.php"; ?>
                </div>
            </nav>

            <main role="main" class="col-md-9 ml-sm-auto col-lg-10 px-4">
                <div class="d-flex justify-content-between flex-wrap flex-md-nowrap align-items-center
pt-3 pb-2 mb-3 border-bottom">
                    <h1 class="h2">Team Dashboard</h1>
                </div>

                <div class="row mt-5">
                    <div class="col-md-4">
                        <div class="card text-white bg-primary mb-3">
                            <div class="card-header">Team Dashboard</div>
                            <div class="card-body d-flex justify-content-between">
                                <h5 class="card-title">$10000</h5>
                                <h5 class="card-title">$13</h5>
                                <h5 class="card-title">65%</h5>
                            </div>
                        </div>
```

```html
        </div>
        <div class="col-md-4">
          <div class="card text-white bg-success mb-3">
            <div class="card-header">Recruit Team Members</div>
            <div class="card-body d-flex justify-content-between">
              <h5 class="card-title">$10000</h5>
              <h5 class="card-title">$13</h5>
              <h5 class="card-title">65%</h5>
            </div>
          </div>
        </div>
        <div class="col-md-4">
          <div class="card text-white bg-danger mb-3">
            <div class="card-header">Team Sales Target</div>
            <div class="card-body d-flex justify-content-between">
              <h5 class="card-title">$10000</h5>
              <h5 class="card-title">$13</h5>
              <h5 class="card-title">65%</h5>
            </div>
          </div>
        </div>
        <div class="col-md-4">
          <div class="card text-white bg-primary mb-3">
            <div class="card-header">Team Performance</div>
            <div class="card-body d-flex justify-content-between">
              <h5 class="card-title">$10000</h5>
              <h5 class="card-title">$13</h5>
              <h5 class="card-title">65%</h5>
            </div>
          </div>
        </div>
        <div class="col-md-4">
          <div class="card text-white bg-success mb-3">
            <div class="card-header">No of New Polices</div>
            <div class="card-body d-flex justify-content-between">
              <h5 class="card-title">$10000</h5>
              <h5 class="card-title">$13</h5>
              <h5 class="card-title">65%</h5>
            </div>
          </div>
        </div>
        <div class="col-md-4">
          <div class="card text-white bg-danger mb-3">
            <div class="card-header">Total Preminum Collection</div>
```

```html
                <div class="card-body d-flex justify-content-between">
                    <h5 class="card-title">$10000</h5>
                    <h5 class="card-title">$13</h5>
                    <h5 class="card-title">65%</h5>
                </div>
            </div>
        </div>
    </div>
    <div class="row">
        <div class="col-md-12">
            <canvas id="myChart"></canvas>
        </div>
    </div>
</main>
</div>
</div>

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/chart.js"></script>

<script>
    var ctx = document.getElementById('myChart').getContext('2d');
    var myChart = new Chart(ctx, {
        type: 'bar',
        data: {
            labels: ['Red', 'Blue', 'Yellow', 'Green', 'Purple', 'Orange'],
            datasets: [{
                label: '# of Votes',
                data: [12, 19, 3, 5, 2, 3],
                backgroundColor: [
                    'rgba(255, 99, 132, 0.2)',
                    'rgba(54, 162, 235, 0.2)',
                    'rgba(255, 206, 86, 0.2)',
                    'rgba(75, 192, 192, 0.2)',
                    'rgba(153, 102, 255, 0.2)',
                    'rgba(255, 159, 64, 0.2)'
                ],
                borderColor: [
                    'rgba(255, 99, 132, 1)',
                    'rgba(54, 162, 235, 1)',
                    'rgba(255, 206, 86, 1)',
```

```
            'rgba(75, 192, 192, 1)',
            'rgba(153, 102, 255, 1)',
            'rgba(255, 159, 64, 1)'
          ],
          borderWidth: 1
        }]
      },
      options: {
        scales: {
          y: {
            beginAtZero: true
          }
        }
      }
    });
  </script>
</body>

</html>
```

06. DataCashier

```php
<?php
// Connect to the database
include_once 'connection.php';

// Get the data from the POST request
$branchCode = $_POST['branchCode'];
$invoiceDate = $_POST['invoiceDate'];
$teamLeaderCode = $_POST['teamLeaderCode'];
$premiumAmount = $_POST['premiumAmount'];
$agentSignature = $_POST['agentSignature'];
$supervisorCode = $_POST['supervisorCode'];
$salesAgentCode = $_POST['salesAgentCode'];
$policyNumber = $_POST['policyNumber'];
$paymentFrequent = $_POST['paymentFrequent'];
$cashHandedOverDate = $_POST['cashHandOverDate'];


// Insert the data into the database
$query = "INSERT INTO invoice(brId, IssueDate, amount,supervisorId, saleId, policyNumber,
paymentFreq, cashHandOverDate,agentSignature,teamLeaderCode) VALUES (?, ?, ?, ?, ?, ?,
?, ?, ?,?)";
$stmt = $conn->prepare($query);
```

```php
$stmt->execute([$branchCode, $invoiceDate, $premiumAmount,$supervisorCode,
$salesAgentCode, $policyNumber, $paymentFrequent,
$cashHandedOverDate,$agentSignature,$teamLeaderCode]);

$res="";
// Check if the row was inserted successfully
if ($stmt->rowCount() > 0) {
    $res= "success";
} else {
    $res = "not success";
    echo 'Error: No row inserted';
}

header('Content-type: application/json');
echo json_encode($res);
// Close the database connection
$conn = null;
?>
```

07. Login

```php
<?php

include_once 'connection.php';
// Assuming you have established a database connection using PDO or MySQLi
// Retrieve the submitted form data
$empId = $_POST['agentCode'];
$password = $_POST['password'];

// Query the database to check if the submitted credentials are valid
// If the credentials are valid, retrieve the user role from the database
// For example:
$role = '';
$managerData='';
$response="";
$query = "SELECT empRole FROM employee WHERE empId = ? AND empPassword=
?";
$stmt = $pdo->prepare($query);
$stmt->execute([$empId, $password]);
$user = $stmt->fetch();

if ($user) {
    $role = $user['empRole'];
```

```php
    }
    else {
        echo 'Invalid credentials';
    }
    header('Content-type: application/json');
    echo json_encode($role);

    ?>
```

08. NavigationBar

```html
<!DOCTYPE html>
<html>

<head>
    <title>Sidebar Navigation</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">
</head>

<body>


    <div class="container-fluid">
        <div class="row">
            <nav class="col-md-2 d-none d-md-block bg-light sidebar">
                <div class="sidebar-sticky">
                    <ul class="nav flex-column">
                        <li class="nav-item">
                            <a class="nav-link active" href="#">Dashboard <span
class="sr-only">(current)</span></a>
                        </li>

                        <li class="nav-item">
                            <a class="nav-link" href="#">SignOut</a>
                        </li>

                    </ul>
                </div>
            </nav>
        </div>
    </div>

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"></script>
```

```html
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"></script>
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>
</body>

</html>
```