

```
<?php
session_start();

if (!isset($_SESSION['user_id']) || !isset($_SESSION['username'])) {
    header("Location: login_page.php");
    exit();
}
?>
<!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, shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">

    <title>Dashboard</title>
    <link href="vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">
    <link
        href="https://fonts.googleapis.com/css?
family=Nunito:200,200i,300,300i,400,400i,600,600i,700,700i,800,800i,900,900i"
        rel="stylesheet">
    <link href="css/sb-admin-2.min.css" rel="stylesheet">
</head>

<body id="page-top">
    <!-- Page Wrapper -->
    <div id="wrapper">
        <!-- Sidebar -->
        <?php include 'navItems.php'; ?>
        <ul class="navbar-nav bg-gradient-danger sidebar sidebar-dark accordion pt-3" id="accordionSidebar">
            <!-- Sidebar - Brand -->
            <a class="sidebar-brand d-flex align-items-center justify-content-center mb-3" href="index.php">
                <div class="sidebar-brand-text mx-3">TUP LIBRARY - BAGGAGE AREA KIOSK</div>
            </a>
            <hr class="sidebar-divider my-0">

            <?php foreach ($navItems as $item): ?>
                <li class="nav-item">
                    <a class="nav-link" href="<?= $item['href'] ?>">
                        <i class="<?= $item['icon'] ?>"></i>
                        <span>
                            <?= $item['text'] ?>
                        </span>
                    </a>
                </li>
                <hr class="sidebar-divider">
            <?php endforeach; ?>
            <div class="text-center d-none d-md-inline">
                <button class="rounded-circle border-0" id="sidebarToggle"></button>
            </div>
        </ul>
        <div id="content-wrapper" class="d-flex flex-column">
            <div id="content">
                <!-- Topbar -->
                <?php
                include_once 'navbar.php';
                ?>
                <div class="container-fluid">

                    <!-- Page Heading -->
                    <div class="d-sm-flex align-items-center justify-content-between mb-4">
                        <h1 class="h3 mb-0 text-gray-800">Dashboard</h1>
                        <a href="#" class="d-none d-sm-inline-block btn btn-sm btn-primary shadow-sm"><i
                            class="fas fa-download fa-sm text-white-50" id="download-pdf"></i> Generate
Report</a>
                    </div>

                    <!-- Content Row -->
                    <div class="row">
                        <!-- Earnings (Monthly) Card Example -->
                        <div class="col-xl-4 col-md-6 mb-4">
```

```
<div class="card border-left-primary shadow h-100 py-2">
```

```
<div class="card-body">
```

```
<div class="row no-gutters align-items-center">
```

```
<div class="col mr-2">
```

```
<div class="text-xs font-weight-bold text-primary text-uppercase
```

```
REGISTERED LIBRARY VISITORS</div>
```

```
<div class="h5 mb-0 font-weight-bold text-gray-800">
```

```
<?php
```

```
include_once('connection.php');
```

```
$sql = "SELECT COUNT(*) AS total_users FROM
```

```
$result = $conn->query($sql);
```

```
if ($result) {
```

```
$row = $result->fetch_assoc();
```

```
echo $row['total_users'];
```

```
$result->free();
```

```
} else {
```

```
echo "Error: " . $conn->error;
```

```
}
```

```
?>
```

```
</div>
```

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</div>
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</div>
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</div>
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</div>
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</div>
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```
<!-- Earnings (Monthly) Card Example -->
```

```
<div class="col-xl-4 col-md-6 mb-4">
```

```
<div class="card border-left-success shadow h-100 py-2">
```

```
<div class="card-body">
```

```
<div class="row no-gutters align-items-center">
```

```
<div class="col mr-2">
```

```
<div class="text-xs font-weight-bold text-success text-uppercase
```

```
AVERAGE LIBRARY VISITOR PER DAY</div>
```

```
<div class="h5 mb-0 font-weight-bold text-gray-800">
```

```
<?php
```

```
include_once('connection.php');
```

```
$sql = "SELECT COUNT(*) AS total_users FROM students_logs";
```

```
$result = $conn->query($sql);
```

```
if ($result) {
```

```
$row = $result->fetch_assoc();
```

```
$totalUsers = $row['total_users'];
```

```
$startDate = strtotime('2022-01-01');
```

```
$currentDate = strtotime(date('Y-m-d'));
```

```
$daysSinceStart = ($currentDate - $startDate) / (60 * 60
```

```
* 24);
```

```
$averageUsersPerDay = ceil($totalUsers /
```

```
$daysSinceStart);
```

```
echo "<p>" . round($averageUsersPerDay, 2) . '%' . "
```

```
</p>";
```

```
// Free result set
```

```
$result->free();
```

```
} else {
```

```
echo "Error: " . $conn->error;
```

```
}
```

```
?>
```

```
</div>
```

```

        </div>
    </div>
</div>
<!-- Earnings (Monthly) Card Example -->
<div class="col-xl-4 col-md-6 mb-4">
    <div class="card border-left-info shadow h-100 py-2">
        <div class="card-body">
            <div class="row no-gutters align-items-center">
                <div class="col mr-2">
                    <div class="text-xs font-weight-bold text-info text-uppercase
mb-1">AVERAGE

                        LIBRARY VISITOR PER MONTH
                    </div>
                    <div class="row no-gutters align-items-center">
                        <div class="col-auto">
                            <div class="h5 mb-0 mr-3 font-weight-bold text-gray-
800">

                                <?php
                                include_once('connection.php');

                                // SQL query to count the total number of registered
users

                                $sql = "SELECT COUNT(*) AS total_users FROM
students_logs";

                                // Execute the query
                                $result = $conn->query($sql);

                                if ($result){
                                    // Fetch the result as an associative array
                                    $row = $result->fetch_assoc();

                                    // Get the total number of registered users
                                    $totalUsers = $row['total_users'];

                                    // Calculate the number of months since the
application started collecting data

                                    $startDate = strtotime('2022-01-01'); // Replace
this with your actual start date

                                    $currentDate = strtotime(date('Y-m-d'));
                                    $monthsSinceStart = (($currentDate - $startDate)
/ (60 * 60 * 24 * 30)); // Convert seconds to months

                                    // Calculate the average users per month
                                    $averageUsersPerMonth = $totalUsers /
$monthsSinceStart;

                                    // Output the average users per month
                                    echo "<p>" . round($averageUsersPerMonth, 2) . "

</p>";

                                    // Free result set
                                    $result->free();
                                } else {
                                    // Handle the case where the query fails
                                    echo "Error: " . $conn->error;
                                }

                                // Close the database connection
                                $conn->close();
                                ?>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
<!-- Content Row -->

```

```
<div class="row">

    <!-- Area Chart -->
    <div class="col-xl-8 col-lg-7">
        <div class="card shadow mb-4">
            <!-- Card Header - Dropdown -->
            <div
                class="card-header py-3 d-flex flex-row align-items-center justify-
content-between">
                <h6 class="m-0 font-weight-bold text-primary">LIBRARY VISITOR
OVERVIEW</h6>

            </div>
            <!-- Card Body -->
            <div class="card-body">
                <div class="chart-area">
                    <canvas id="dailyChart" width="400" height="200"></canvas>
                </div>
            </div>
        </div>

        <!-- Pie Chart -->
        <div class="col-xl-4 col-lg-5">
            <div class="card shadow mb-4">
                <!-- Card Header - Dropdown -->
                <div class="card-header d-flex flex-row align-items-center justify-content-
between">
                    <h6 class="m-0 font-weight-bold text-primary">MAJORITY OF LIBRARY
VISITORS FROM

                    DIFFRENT COLLEGES </h6>
                </div>
                <!-- Card Body -->
                <div class="card-body">
                    <div class="chart-pie pb-2">
                        <canvas id="collegeChart" width="400" height="350"></canvas>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

<!-- Footer -->
<footer class="sticky-footer bg-white">
    <div class="container my-auto">
        <div class="copyright text-center my-auto">
            <span>Copyright &copy; Development of Security System for Baggage Counter of the
Technological

            University of the Philippines-Manila Library (2024)</span>
        </div>
    </div>
</footer>
</div>

<script src="vendor/jquery/jquery.min.js"></script>
<script src="vendor/bootstrap/js/bootstrap.bundle.min.js"></script>

<script src="vendor/jquery-easing/jquery.easing.min.js"></script>

<script src="js/sb-admin-2.min.js"></script>

<!-- Page level plugins -->
<script src="vendor/chart.js/Chart.min.js"></script>

<!-- Page level custom scripts -->
<script src="js/demo/chart-area-demo.js"></script>
<script src="js/demo/chart-pie-demo.js"></script>
<script>
    // Fetch data from PHP script
    fetch('analytics.php')
```

```

.then(response => response.json())
.then(data => {
    var dailyCtx = document.getElementById('dailyChart').getContext('2d');
    var dailyChart = new Chart(dailyCtx, {
        type: 'line',
        data: {
            labels: data.daily.labels,
            datasets: [{
                label: 'Daily Login Count',
                data: data.daily.data,
                fill: false,
                borderColor: 'rgba(54, 162, 235, 1)',
                borderWidth: 1
            }]
        },
        options: {
            scales: {
                yAxes: [{
                    ticks: {
                        beginAtZero: true
                    }
                }]
            }
        }
    });

    var collegeCtx = document.getElementById('collegeChart').getContext('2d');
    var collegeChart = new Chart(collegeCtx, {
        type: 'pie',
        data: {
            labels: data.college.labels,
            datasets: [{
                label: 'College-wise Login Distribution',
                data: data.college.data,
                backgroundColor: [
                    'rgba(255, 99, 132, 0.7)',
                    'rgba(54, 162, 235, 0.7)',
                    'rgba(255, 206, 86, 0.7)'
                ],
                borderWidth: 1
            }]
        },
        options: {
            title: {
                display: true,
                text: ''
            },
            tooltips: {
                callbacks: {
                    label: function (tooltipItem, data) {
                        var dataset = data.datasets[tooltipItem.datasetIndex];
                        var total = dataset.data.reduce(function (previousValue, currentValue,
currentIndex, array) {

                            return previousValue + currentValue;
                        });
                        var currentValue = dataset.data[tooltipItem.index];
                        var percentage = ((currentValue / total) * 100).toFixed(2);
                        return percentage + "%";
                    }
                }
            }
        }
    });
})
.catch(error => console.error('Error fetching data:', error));

```

```

    document.getElementById('download-pdf').addEventListener('click', function() {
const doc = new jsPDF();
const specialElementHandlers = {
    '#editor': function (element, renderer) {
        return true;
    }
};

```

```
doc.fromHTML(document.body, 15, 15, {  
    'width': 170,  
    'elementHandlers': specialElementHandlers  
});  
doc.save('document.pdf');  
});
```

```
</script>
```

```
</body>
```

```
</html>
```