

Government Polytechnic, Pune
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GOVERNMENT POLYTECHNIC, PUNE-16
(An Autonomous Institute Of Government Of Maharashtra)



A SEMINAR REPORT ON

“EXPENSE MANAGER”

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UNDER THE GUIDANCE OF

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Last but not the least, we are thankful to our friends whose encouragement and suggestions helped us to complete our project.

We will also thankful to our PARENTS whose best wishes are always with us.

Thanking You.

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ABSTRACT

The Online Expense Tracker is a complete responsive website application [PYTHON - FLASK FRAMEWORK - SQLITE - HTML - CSS - BOOTSTRAP - CHARTJS - JAVASCRIPT] . The overall project is developed by using VISUAL STUDIO CODE , SQLITE DATABASE.

In today's busy and expensive life we are in a great rush to make money. But at the end of the month we broke off. As we are unknowingly spending money on little and unwanted things. So, we have come over with the idea to track our earnings.

Online Expense Tracker (OET) aims to help everyone who are planning to know their expenses and save from it. Here Has some categories for expense type like food, clothing, rent and bills where they have to enter the money that has been spent. User will be able to see pie chart of expense. Although this website is focused on new job holders, interns and teenagers, everyone who wants to track their expense can use this application.

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CHAPTER .1. INTRODUCTION

We developed a application using python language with the help of Flask and ChartJs for "Expense Manager Application".We build this particular Expense Manager Application to accept a expenses which are made by the user. So,let's say, for example, if you go out to a movie and you spend a bunch of money on movie tickets.or popcorn, you should be actually manually able to go ahead and add that particular expense into this particular app. So the process in which this app would work is that you would fill in your expenses over here and that will actually go ahead and analyze the expense and give you a final report on how your expenses are being spent.

For developing this application we use specifically python langauge because, Python is a general purpose language, meaning it can be used to create a variety of different programs and isn't specialized for any specific problems.Python has several powerful libraries with a huge amount of pre-written code. Hence developers don't need to write the code from scratch, thereby speeding up the development time. This makes it an ideal choice to use Python for backend development.

Along with python we used Flask too. Flask is actually a python framework means that its actually in written in python and for using flask need to write python code.As we developed small but yet very useful application and flask generally used when we are developing small applications as well.

Since a our application need some charts as well as to analyze the expense and give the final report .In order to integrate some charts in our website we obviously need to use some front framework or a front end library.So ChartJs is is a javascript library, which you could use to integrate charts on your front end, which update dynamically. Basically in the end this small and simple application is very useful in daily life as it gives you report of your daily or monthly expenses so you can able to recognize how much your money being spent in which specific field and from that you can manage your budget.

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CHAPTER .2. AIM AND OBJECTIVES

2.1 AIM:

Personal finance management is an important part of people's lives.

However, everyone does not have the knowledge or time to manage their finances in a proper manner. And, even if a person has time and knowledge, they do not bother with tracking their expenses as they find it tedious and time-consuming.

Now, you don't have to worry about managing your expenses, as you can get access to an expense tracker that will help in the active management of your finances.

Also known as expense manager and money manager, an expense tracker is a software or application that helps to keep an accurate record of your money inflow and outflow.

Many people in India live on a fixed income, and they find that towards the end of the month they don't have sufficient money to meet their needs.

While this problem can arise due to low salary, invariably it is due to poor money management skills.

People tend to overspend without realizing, and this can prove to be disastrous.

The main aim of making expense manager is to keep track of daily expense of money.

Using a daily expense manager can help you keep track of how much you spend every day and on what.

At the end of the month, you will have a clear picture where your money is going.

This is one of the best ways to get your expenses under control and bring some semblance of order to your finances.

2.2 PROBLEM STATEMENT:

Build an Expense Manager application using Flask - Python Framework.

2.3 OBJECTIVES:

If you are wondering why you should be using a daily expense manager, here are some benefits that you should be aware of:

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If you have a tendency to spend money on a whim, using an expense manager will help you identify those habits.

When you see this spending in black and white, you will be able to take corrective measures. Primarily, you will think twice before spending on things you don't really need.

When you track your expenses, you take control of your finances. It empowers you to control spending impulses and eliminate frivolous spending, thereby avoiding debt.

You can, instead, work to create financial security for yourself by spending your money more wisely.

The expense manager provides you total amount spend and also analyze the expense spend on category like food, entertainment, business and other and shows the data in pie diagram which is easy to understand.

When you track your expenses, you can save better and invest for your future. Spending aimlessly does not give you leeway to save and invest for your future.

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CHAPTER 3. PROGRAMMING

3.1.MAIN CODE:

APP.PY:

```
from flask import Flask, render_template, redirect, request
from flask_sqlalchemy import SQLAlchemy
import os
project_dir = os.path.dirname(os.path.abspath(__file__))
database_file = "sqlite:///{}".format(
    os.path.join(project_dir, "mydatabase.db"))

app = Flask(__name__)
app.config["SQLALCHEMY_DATABASE_URI"] = database_file
db = SQLAlchemy(app)

class Expense(db.Model):
    id = db.Column(db.Integer, primary_key=True)
    date = db.Column(db.String(50), nullable=False)
    expensename = db.Column(db.String(50), nullable=False)
    amount = db.Column(db.Integer, nullable=False)
    category = db.Column(db.String(50), nullable=False)

@app.route('/')
def add():
    return render_template('add.html')

@app.route("/delete/<int:id>")
def delete(id):
    expense = Expense.query.filter_by(id=id).first()
    db.session.delete(expense)
    db.session.commit()
    return redirect("/expenses")

@app.route("/updateexpense/<int:id>")
def updateexpense(id):
    expense = Expense.query.filter_by(id=id).first()
    return render_template("updateexpense.html", expense=expense)

@app.route('/edit', methods=['POST'])
def edit():
    id = request.form["id"]
    date = request.form["date"]
    expensename = request.form["expensename"]
    amount = request.form["amount"]
    category = request.form["category"]
    expense = Expense.query.filter_by(id=id).first()
    expense.date = date
    expense.expensename = expensename
    expense.amount = amount
    expense.category = category
```


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```
db.session.commit()
return redirect("/expenses")
@app.route("/expenses")
def expenses():
    expenses = Expense.query.all()
    total = 0
    t_business = 0
    t_other = 0
    t_food = 0
    t_entertainment = 0
    for expense in expenses:
        total += expense.amount
        if expense.category == "business":
            t_business += expense.amount
        elif expense.category == "other":
            t_other += expense.amount
        elif expense.category == "food":
            t_food += expense.amount
        elif expense.category == "entertainment":
            t_entertainment += expense.amount
    return render_template("expenses.html", expenses=expenses, total=total,
t_business=t_business, t_entertainment=t_entertainment, t_food=t_food, t_oth
er=t_other)
@app.route('/addexpense', methods=['POST'])
def addexpense():
    date = request.form['date']
    expensename = request.form['expensename']
    amount = request.form['amount']
    category = request.form['category']
    print(date + " " + expensename + " " + amount + " " + category)
    expense = Expense(date=date, expensename=expensename,
                        amount=amount, category=category)
    db.session.add(expense)
    db.session.commit()
    return redirect('/expenses')
@app.route('/addview', methods=['GET', 'POST'])
def addview():
    if request.method == 'GET':
        expenses = Expense.query.all()
        total = 0
        t_business = 0
        t_other = 0
        t_food = 0
        t_entertainment = 0
        for expense in expenses:
            total += expense.amount
```

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```
        if expense.category == "business":
            t_business += expense.amount
        elif expense.category == "other":
            t_other += expense.amount
        elif expense.category == "food":
            t_food += expense.amount
        elif expense.category == "entertainment":
            t_entertainment += expense.amount
    elif request.method == "POST":
        date = request.form['date']
        expensename = request.form['expensename']
        amount = request.form['amount']
        category = request.form['category']
        print(date + " " + expensename + " " + amount + " " + category)
        expense = Expense(date=date, expensename=expensename,
                           amount=amount, category=category)
        db.session.add(expense)
        db.session.commit()
        return redirect('/addview')
    return render_template("addview.html", expenses=expenses, total=total, t_
business=t_business, t_entertainment=t_entertainment, t_food=t_food, t_oth
er=t_other)
if __name__ == '__main__':
    app.run(debug=True)
```

STYLE.CSS

```
body {
    font-family: "Azeret Mono", monospace;
}
```

ADD.HTML

```
{% extends 'base.html' %}
{% block body %}
<div class="container">
    <div class="row">
        <div class="col-md-6">
            <h3 class="mt-5">Add Expense</h3>
            <form action="/addexpense" method="POST">
                <div class="form-group">
                    <label for="Date"></label>
                    <input class="form-
control" type="date" name="date" id="date">
```

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```
        </div>
        <div class="form-group">
            <label for="">Expense Name</label>
            <input class="form-
control" type="text" name="expensename" id="expensename">

        </div>
        <div class="form-group">
            <label for="">Expense Amount</label>
            <input class="form-
control" type="text" name="amount" id="amount">

        </div>
        <div class="form-group">
            <label for="">Expense Category</label>
            <select class="form-
control" name="category" id="category">
                <option value="food">Food</option>
                <option value="entertainment">Entertainment</option>
                <option value="business">Business</option>
                <option value="other">Other</option>
            </select>

        </div>
        <input class="btn btn-danger" class="form-
control" type="submit" value="Add" id="">
    </form>

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

{% endblock %}
```

ADDVIEW.HTML

```
{% extends 'base.html' %}
{% block body %}

<div class="container">
    <div class="row">
        <div class="col-md-6">
            <h3 class="mt-5">Add Expense</h3>
            <form action="/addview" method="POST">
                <div class="form-group">
```

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```
        <label for="Date"></label>
        <input class="form-
control" type="date" name="date" id="date">
    </div>
    <div class="form-group">
        <label for="">Expense Name</label>
        <input class="form-
control" type="text" name="expensename" id="expensename">

    </div>
    <div class="form-group">
        <label for="">Expense Amount</label>
        <input class="form-
control" type="text" name="amount" id="amount">

    </div>
    <div class="form-group">
        <label for="">Expense Category</label>
        <select class="form-
control" name="category" id="category">
            <option value="food">Food</option>
            <option value="entertainment">Entertainment</option>
            <option value="business">Business</option>
            <option value="other">Other</option>
        </select>

    </div>
    <input class="btn btn-danger" class="form-
control" type="submit" value="Add" id="">
</form>

</div>
</div>
<h3 class="mt-5">View Expenses</h3>
{% for expense in expenses %}
<div class="row">
    <div class="col-md-12">

        <div class="card shadow bg-white rounded">
            <div class="card-body">
                <div class="row">

                    <div class="col-md-2">{{expense.expensename}} </div>
                    <div class="col-md-2">{{expense.amount}}</div>
                    <div class="col-md-2">{{expense.date}}</div>
                    <div class="col-md-2">
```

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```
<span class="badge badge-  
primary">{{expense.category}}</span>  
</div>  
    <div class="col-md-2">  
        <a href="updateexpense/{{expense.id}}" class="btn btn-sm btn-success">Edit</a>  
</div>  
    <div class="col-md-2">  
        <a href="delete/{{expense.id}}" class="btn btn-sm btn-danger">Delete</a>  
</div>  
  
</div>  
</div>  
</div>  
{% endfor %}  
<div class="row">  
    <div class="col-md-6">  
        <h3 class="mt-5">Expense Breakdown</h3>  
        <div class="card shadow bb-2 bg-white rounded">  
            <div class="card-body">  
                <div class="row">  
                    <div class="col-md-6">Food</div>  
                    <div id="tfood" class="col-md-6">{{t_food}}</div>  
                </div>  
            </div>  
        </div>  
        <div class="card shadow bb-2 bg-white rounded">  
            <div class="card-body">  
                <div class="row">  
                    <div class="col-md-6">Entertainment</div>  
                    <div id="tentertainment" class="col-md-6">{{t_entertainment}}</div>  
                </div>  
            </div>  
        <div class="card shadow bb-2 bg-white rounded">  
            <div class="card-body">  
                <div class="row">  
                    <div class="col-md-6">Business</div>  
                    <div id="tbusiness" class="col-md-6">{{t_business}}</div>  
                </div>  
            </div>  
        </div>  
    </div>
```

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```
    </div>
    <div class="card shadow bb-2 bg-white rounded">
      <div class="card-body">
        <div class="row">
          <div class="col-md-6">Other</div>
          <div id="tother" class="col-md-6">{{t_other}}</div>
        </div>
      </div>
    </div>
    <div class="card shadow bb-2 bg-white rounded">
      <div class="card-body">
        <div class="row">
          <div class="col-md-6">Total</div>
          <div class="col-md-6">{{total}}</div>
        </div>
      </div>
    </div>
  </div>
  <div class="col-md-6">
    <h3 class="mt-5">Expense Breakdown</h3>
    <canvas id="myChart" width="400" height="400"></canvas>
</script>
    let food = document.getElementById('tfood').innerHTML
    let entertainment = document.getElementById('tentertainment').innerHTML
    let business = document.getElementById('tbusiness').innerHTML
    let other = document.getElementById('tother').innerHTML
var ctx = document.getElementById('myChart').getContext('2d');
var myChart = new Chart(ctx, {
  type: 'pie',
  data: {
    labels: ['Food', 'Entertainment', 'Business', 'Other'],
    datasets: [{
      label: '# of Votes',
      data: [food,entertainment,business,other],
      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)'
      ]
    }]
  }
});
```

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

</div>
</div>
</div>
{% endblock %}
```

BASE.HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="anonymous">
  <script src="https://cdn.jsdelivr.net/npm/chart.js@3.5.1/dist/chart.min.js"></script>

  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link href="https://fonts.googleapis.com/css2?family=Azeret+Mono:ital,wght@1,300&family=Oswald:wght@300&family=Roboto&display=swap" rel="stylesheet">
  <link rel="stylesheet" href="{ url_for('static', filename='style.css') }">
  <title>Document</title>
</head>
<body>
  <nav class="navbar navbar-expand-lg navbar-dark bg-danger">
    <a class="navbar-brand" href="#">Expense Manager</a>
```

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```
<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>
<div class="collapse navbar-collapse" id="navbarNav">
    <ul class="navbar-nav">
        <li class="nav-item active">
            <a class="nav-link" href="/">Add Expense </a>
        </li>
        <li class="nav-item">
            <a class="nav-link" href="/expenses">View Expense</a>
        </li>
    </ul>
</div>
</nav>
{% block body %}
{% endblock %}
</body>
</html>
```

EXPENSES.HTML

```
{% extends 'base.html' %}
{% block body %}

<div class="container">
    <h3 class="mt-5 mb-3">View Expenses</h3>
    {% for expense in expenses %}
    <div class="row">
        <div class="col-md-12">

            <div class="card shadow mb-2 bg-white rounded">
                <div class="card-body">
                    <div class="row">

                        <div class="col-md-2">{{expense.expensename}} </div>
                        <div class="col-md-2">{{expense.amount}}</div>
                        <div class="col-md-2">{{expense.date}}</div>
                        <div class="col-md-2">
                            <span class="btn btn-sm btn-
primary">{{expense.category}}</span>
                        </div>
                    <div class="col-md-2">
```


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```

                <a href="updateexpense/{{expense.id}}" class="btn btn-sm btn-success">Edit</a>
            </div>
            <div class="col-md-2">
                <a href="delete/{{expense.id}}" class="btn btn-sm btn-danger">Delete</a>
            </div>
        </div>
    </div>
</div>
{% endfor %}
<div class="row">
    <div class="col-md-6">
        <h3 class="mt-5 mb-3">Expense Breakdown</h3>
        <div class="card shadow mb-2 bg-white rounded">
            <div class="card-body">
                <div class="row">
                    <div class="col-md-6">Food</div>
                    <div id="tfood" class="col-md-6">{{t_food}}</div>
                </div>
            </div>
        </div>
        <div class="card shadow mb-2 bg-white rounded">
            <div class="card-body">
                <div class="row">
                    <div class="col-md-6">Entertainment</div>
                    <div id="tentertainment" class="col-md-6">{{t_entertainment}}</div>
                </div>
            </div>
        </div>
        <div class="card shadow mb-2 bg-white rounded">
            <div class="card-body">
                <div class="row">
                    <div class="col-md-6">Business</div>
                    <div id="tbusiness" class="col-md-6">{{t_business}}</div>
                </div>
            </div>
        </div>
    </div>
    <div class="card shadow mb-2 bg-white rounded">
        <div class="card-body">
            <div class="row">

```

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```
        <div class="col-md-6">Other</div>
        <div id="tother" class="col-md-6">{{t_other}}</div>
    </div>
</div>
</div>
<div class="card shadow mb-2 bg-white rounded">
    <div class="card-body">
        <div class="row">
            <div class="col-md-6">Total</div>
            <div class="col-md-6">{{total}}</div>
        </div>
    </div>
</div>
</div>
<!-- chart.js -->
<div class="col-md-6">
    <h3 class="mt-5 mb-3">Expense Breakdown</h3>
    <canvas id="myChart" width="400" height="400"></canvas>
</div>
<script>
    // javascript
    let food = document.getElementById('tfood').innerHTML
    let entertainment = document.getElementById('tentertainment').innerHTML
    let business = document.getElementById('tbusiness').innerHTML
    let other = document.getElementById('tother').innerHTML
    var ctx = document.getElementById('myChart').getContext('2d');
    var myChart = new Chart(ctx, {
        type: 'pie',
        data: {
            labels: ['Food', 'Entertainment', 'Business', 'Other'],
            datasets: [{
                label: '# of Votes',
                data: [food,entertainment,business,other],
                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)'
                ]
            }]
        }
    });
</script>
```

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```
        'rgba(255, 159, 64, 1)'  
    ],  
    borderWidth: 1  
  }  
},  
options: {  
  scales: {  
    y: {  
      beginAtZero: true  
    }  
  }  
}  
});  
</script>  
  
    </div>  
  </div>  
</div>  
  
{% endblock %}
```

UPDATED EXPENSE.HTML

```
{% extends 'base.html' %}  
{% block body %}  
<div class="container">  
  <div class="row">  
    <div class="col-md-6">  
      <h3 class="mt-5">Edit Expense</h3>  
      <form action="/edit" method="POST">  
        <input type="hidden" value="{{expense.id}}" name="id" id="id">  
      >  
      <div class="form-group">  
        <label for="Date"></label>  
        <input class="form-control" value="{{expense.date}}" type="date" name="date" id="date">  
      </div>  
      <div class="form-group">  
        <label for="">Expense Name</label>  
        <input class="form-control" value="{{expense.expensename}}" type="text" name="expensename" id="expensename">  
      </div>  
    </div>  
  </div>  
</div>
```

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```
        </div>
        <div class="form-group">
            <label for="">Expense Amount</label>
            <input class="form-
control" value="{{expense.amount}}" type="text" name="amount" id="amount">

        </div>
        <div class="form-group">
            <label for="">Expense Category</label>
            <select class="form-
control" value="{{expense.category}}" name="category" id="category">
                <option value="food">Food</option>
                <option value="entertainment">Entertainment</option>
                <option value="business">Business</option>
                <option value="other" selected>Other</option>
            </select>

        </div>
        <input class="btn btn-danger" class="form-
control" type="submit" value="Update" id="">
    </form>

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

{% endblock %}
```

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3.2 OUTPUT:

ADD EXPENSE

Expense Manager Add Expense View Expense

Add Expense

mm/dd/yyyy

Expense Name

Expense Amount

Expense Category
Food

Add

VIEW EXPENSE

Expense Manager Add Expense View Expense

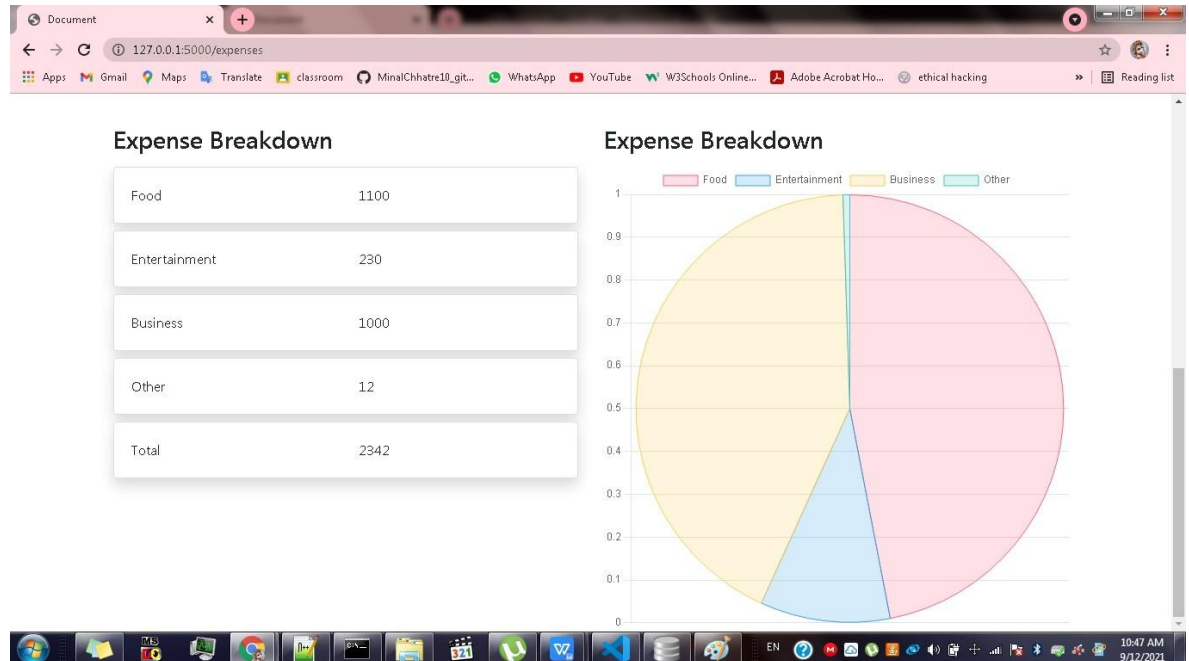
View Expenses

Movie ticket 3	\$200	2021-09-10	entertainment	Edit	Delete
Pizza	\$100	2021-09-10	food	Edit	Delete
product	\$1000	2021-09-10	business	Edit	Delete
Grocery	\$1000	2021-09-15	food	Edit	Delete
screen guard	\$12	2021-09-07	other	Edit	Delete
tv	\$30	2021-09-01	entertainment	Edit	Delete

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EXPENSE BREAKDOWN



UPDATE EXPENSE

The screenshot shows the 'Edit Expense' form in the web application. The form includes fields for the date, expense name, amount, and category, along with an 'Update' button.

Expense Manager Add Expense View Expense

Edit Expense

09/09/2021

Expense Name
Movie ticket

Expense Amount
200

Expense Category
Other

Update

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Expense Manager

Add Expense

View Expense

Add Expense

mm/dd/yyyy

Expense Name

Expense Amount

Expense Category

Food

Add

View Expenses

Expense

Food

Add

View Expenses

Pizza	\$100	2021-09-10	food	Edit	Delete
product	\$1000	2021-09-10	business	Edit	Delete
Grocery	\$1000	2021-09-15	food	Edit	Delete
screen guard	\$12	2021-09-07	other	Edit	Delete
tv	\$30	2021-09-01	entertainment	Edit	Delete

Expense Breakdown

Food 1100

Expense Breakdown

Food

Entertainment

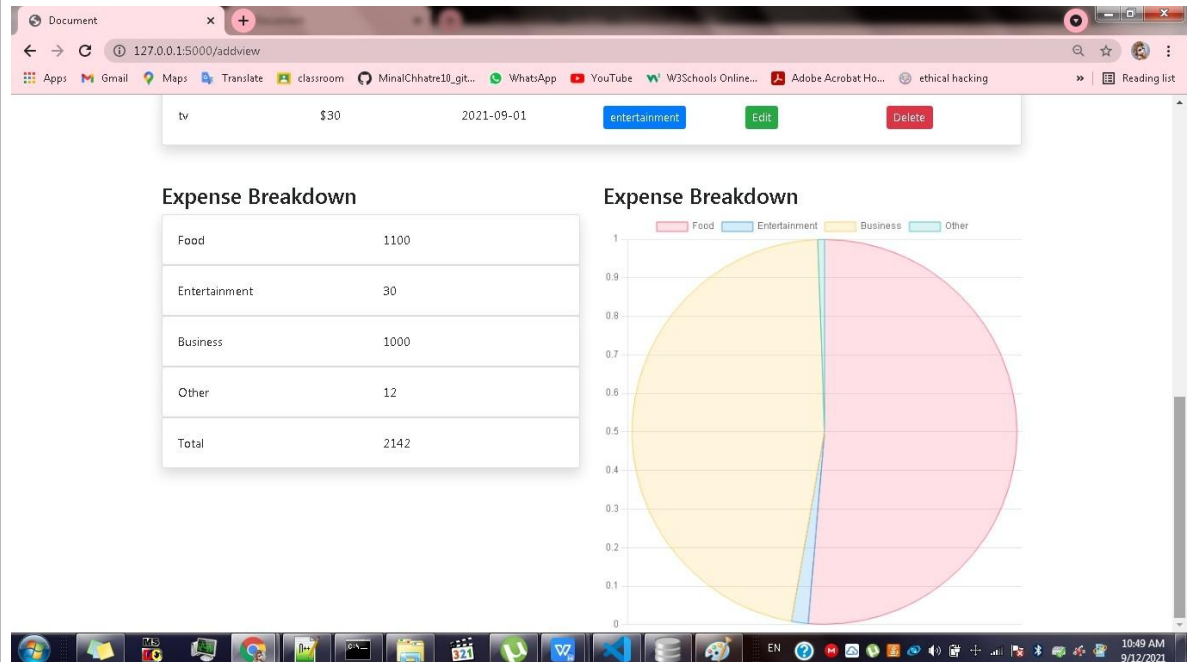
Business

Other

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TOTAL EXPENSE & PIE-CHART



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DATABASE TABLE

The screenshot displays the DB Browser for SQLite application. The main window shows a table named 'expense' with the following data:

id	date	expensename	amount	category
1	3	2021-09-10	Pizza	100 food
2	4	2021-09-10	product	1000 business
3	6	2021-09-15	Grocery	1000 food
4	7	2021-09-07	screen guard	12 other
5	8	2021-09-01	tv	30 entertainment

The application interface includes a menu bar (File, Edit, View, Tools, Help), a toolbar with options like New Database, Open Database, Write Changes, Revert Changes, Open Project, Save Project, Attach Database, and Close Database. The 'Database Structure' tab is active, showing the table 'expense'. The 'Edit Database Cell' panel on the right is also visible, showing the current cell's content and data type.

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HOSTED ON GITHUB:

The screenshot shows a web browser displaying the GitHub repository page for 'MinalChhatre10/EXPENSE-MANAGER'. The browser's address bar shows the URL 'github.com/MinalChhatre10/EXPENSE-MANAGER'. The repository is public and has 1 unwatch, 1 unstar, and 0 forks. The repository is currently on the 'main' branch, which has 1 commit. The file list includes 'SS', '__pycache__', 'templates', 'app.py', and 'mydatabase.db', all committed 5 minutes ago. The 'About' section describes the project as an 'Online Expense Tracker' built with Python, Flask, SQLite, HTML, CSS, Bootstrap, ChartJS, and JavaScript. It mentions that the project is developed using Visual Studio Code and SQLite Database. The 'Releases' section shows no published releases. A taskbar at the bottom of the browser window displays various application icons and the system clock showing 11:28 AM on 9/12/2021.

MinalChhatre10/EXPENSE-MANAGER Public

Unwatch 1 Unstar 1 Fork 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags

Go to file Add file Code

MinalChhatre10 expense manager 83ec5e2 5 minutes ago 1 commit

File	Commit	Time
SS	expense manager	5 minutes ago
__pycache__	expense manager	5 minutes ago
templates	expense manager	5 minutes ago
app.py	expense manager	5 minutes ago
mydatabase.db	expense manager	5 minutes ago

Help people interested in this repository understand your project by adding a README. Add a README

About

The Online Expense Tracker is a complete responsive website application [PYTHON - FLASK FRAMEWORK - SQLITE - HTML - CSS - BOOTSTRAP - CHARTJS - JAVASCRIPT] . The overall project is developed by using VISUAL STUDIO CODE , SQLITE DATABASE. In today's busy and expensive life we are in a great rush to make money. But at the end of the month we bro...

Releases

No releases published
Create a new release

CHAPTER .4. SCOPE OF FUTURE DEVELOPMENT

The spreadsheet and paper-based expense reporting process have become a thing of the past today. Once you start using this application, you will save more money every month and use it on things that matter. Most importantly, it will help you invest for your future goals. Basically, an expense manager is the best way to manage your expenses, right from your smartphone.

You do not need to use an excel sheet or list your expenses in a dairy. We will try to develop more user friendly application. It is flexible and adaptive application suited to personal and business man

This application can take a good market as it is usable by anyone who are willing to manage their expenses and aiming to save for the future investments and many more. There is not any range criteria or any kind of profession or gender are focused, it will use hugely.

In the future we can modify this for better user experience by adding some more features to it.

CHAPTER .5. CONCLUSION

After making this application we assure that this application will help its users to manage their expenditure. It will guide them and aware them about their expenses. It will prove to be helpful for the people who are frustrated with their budget management, irritated because of amount of expenses and wishes to manage money and to preserve the record of their cost which may be useful to change their way of spending money. In short, this application will help its users to overcome the wastage of money.

From this project, we are able to manage and keep tracking the daily expenses as well as income. While making this project, we gained a lot of experience of working as a team. We discovered various predicted and unpredicted problems and we enjoyed a lot solving them as a team. We adopted things like video tutorials, text tutorials, internet and learning materials to make our project complete

CHAPTER .6. REFERENCES

www.google.com

<https://www.udemy.com>

<https://www.w3schools.com>

<https://getbootstrap.com/>

<https://www.geeksforgeeks.org/python-programming-language/>

<https://stackoverflow.com/questions>