“GOLDEN MEMORIES”

BACHELOR OF TECHNOLOGY
in
COMPUTER SCIENCE AND ENGINEERING

RGUKT
Rajiv Gandhi University of Knowledge Technologies
R.K.VALLEY

Submitted by
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RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES

RGUKT
(A.P. Government Act 18 of 2008)
RGUKT, RK VALLEY
Department of Computer Science and Engineering

CERTIFICATE FOR PROJECT COMPLETION

This is to certify that project entitled “GOLDEN MEMORIES” submitted by Ch.Pavani(R170025), under our guidance and supervision for the partial fulfilment for the degree Bachelor of Technology in Computer Science and Engineering during the academic semester 2 2022-2023 at RGUKT, RK VALLEY. To the best of my knowledge, the results embodied in this dissertation work have not been submitted to any University or Institute for the award of any degree or diploma.

Project Internal Guide

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ABSTRACT

Now-a-days people are always interested and excited about making memories and binding them in the form of albums. Every small event can become a very good memory if we store them. The small happiness that people want to save forever can be hold in the form of a very beautiful hard disk that contain everything about them.

Every event hold a better place in everyone’s heart. Some cannot have such memories because they can’t able to do them because of financial problems or not knowing about such event managers. Without going around people can search online and book the events. This is a project which is budget friendly and pre-booking are available for all types of events.

INTRODUCTION

An event can be described as a public assembly for the purpose of celebration, education, marketing or reunion. Events can be classified on the basis of their size , type and context. An event can be social event like a birthday party , engagement , Wedding etc.. or an education and career event like an education fair, job fair , workshop, contest etc..

Event Management is the process of analysing, planning, marketing, producing and evaluating an event. It is a different way of promoting a product , service or idea. If an event is managed efficiently and effectively. It can be used as a very powerful promotional tool to launch or market a product or service. Event management requires certain core values to be deployed to every element, process and decision to justify professional approach and achieve effective and efficient results.

OBJECTIVE

Objectives are essentially aims broken down into specific targets, to facilitate event delivery and evaluation. Events can deliver beneficial impacts and outcomes both for the organisers and the host community, in addition to other stakeholders such as participants, spectators , sponsors and the media.

SCOPE

Through this forum you can discuss and share event management and planning ideas with other event professionals. You can promote your business and events, upload your events photos and event videos. You can also create groups, blogs and can even do live chat with other event planning professionals.

ADVANTAGES

- Easier event management
- Saves time
- Increase engagement
- Cut costs
- Analyse and improve
- Automate your event
- Display a greater level of professionalism.
- Event automation.

DISADVANTAGES

- Long hours
- Travel Requirements
- Customer Demands
- High Stress
- Low starting salaries.

Modules of Event Management System:

- Event Module: Managing all the event
- Sign Up Module: Managing the signup credentials.
- Login Module: Managing the login details.
- Home Module: Managing the Web Page Details.
- About Us Module: Managing the managers details.
- Registration Module: Managing the registration details.

Technologies:

- HTML
- CSS
- Python
- JavaScript
- Django
- DB SQLite

HTML:

The HTML or HyperText Markup Language is the standard markup language for documents designed to be displayed in a web browser. It is often assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript. It is also used to create electronic documents that are generally displayed on the World Wide Web.

CSS:

Cascading Style Sheets or CSS is a style sheet language used for describing the presentation of a document written in a markup language such as HTML or XML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

Python:

Python is a very popular general-purpose interpreted, interactive, object-oriented, and high-level programming language. Python is dynamically-typed and garbage-collected programming language. It was created by Guido van Rossum during 1985- 1990.

JavaScript:

JavaScript is a scripting language that enables you to create dynamically updating content, control multimedia, animate images, and pretty much everything else.

Django:

Django is a high-level Python web framework that enables rapid development of secure and maintainable websites. Built by experienced developers, Django takes care of much of the hassle of web development, so you can focus on writing your app without needing to reinvent the wheel.

DB SQLite:

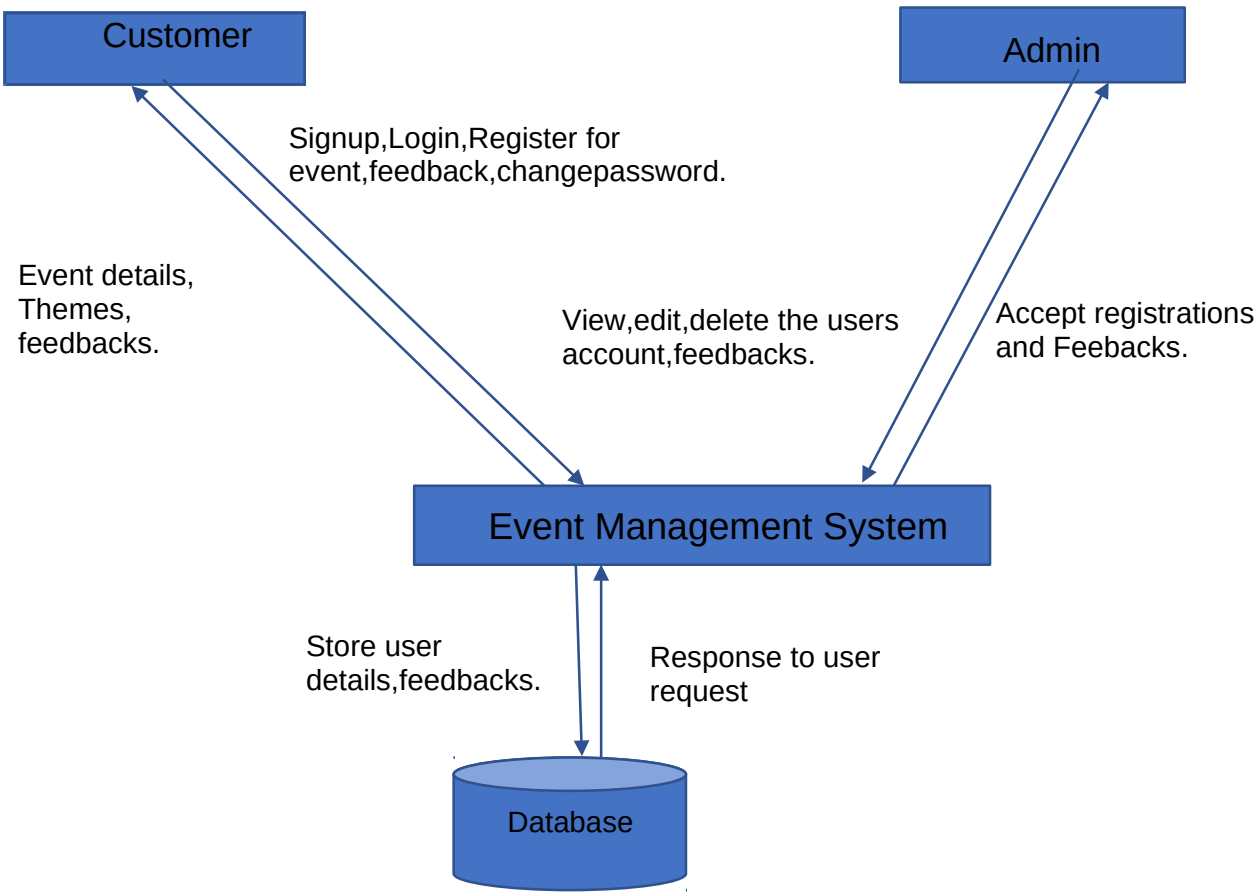
SQLite is an in-process library that implements a self-contained, serverless, zero-configuration, transactional SQL database engine.

SQLite is used to develop embedded software for devices like televisions, cell phones, cameras etc. It can manage low to medium-traffic HTTP requests. SQLite can change files into smaller size archives with lesser metadata. SQLite is used as a temporary dataset to get processed with some data within an application.

System in Context:

This GOLDEN MEMORIES provide the list of events and also provides the previous events models and user experience which already registered for an event.

Context Diagram:



System-wide Requirements(Received):

Actors:

The system interacts with two kinds of users. Each user has its own functions to access system. The functionalities of users are dependent on each other.

Events:

"GOLDEN MEMORIES" is a multi-user system and it provides activities

associated with day-to-day questions.

1.The most crucial events are:

1. To use the application the user have to register himself with a personal email , name and the password for the future uses.
2. Customer have to login using the users personal username and password.
3. Among the different events available customer have to choose the event needed.
4. After selecting event, registration of specified event is required.
5. The details about budget and event need to be specified in the specified event.
6. After this whole process the customer have to submit registration form.

The below table provides a set of user visible events that define the functionalities that are in 'GOLDEN MEMORIES'.

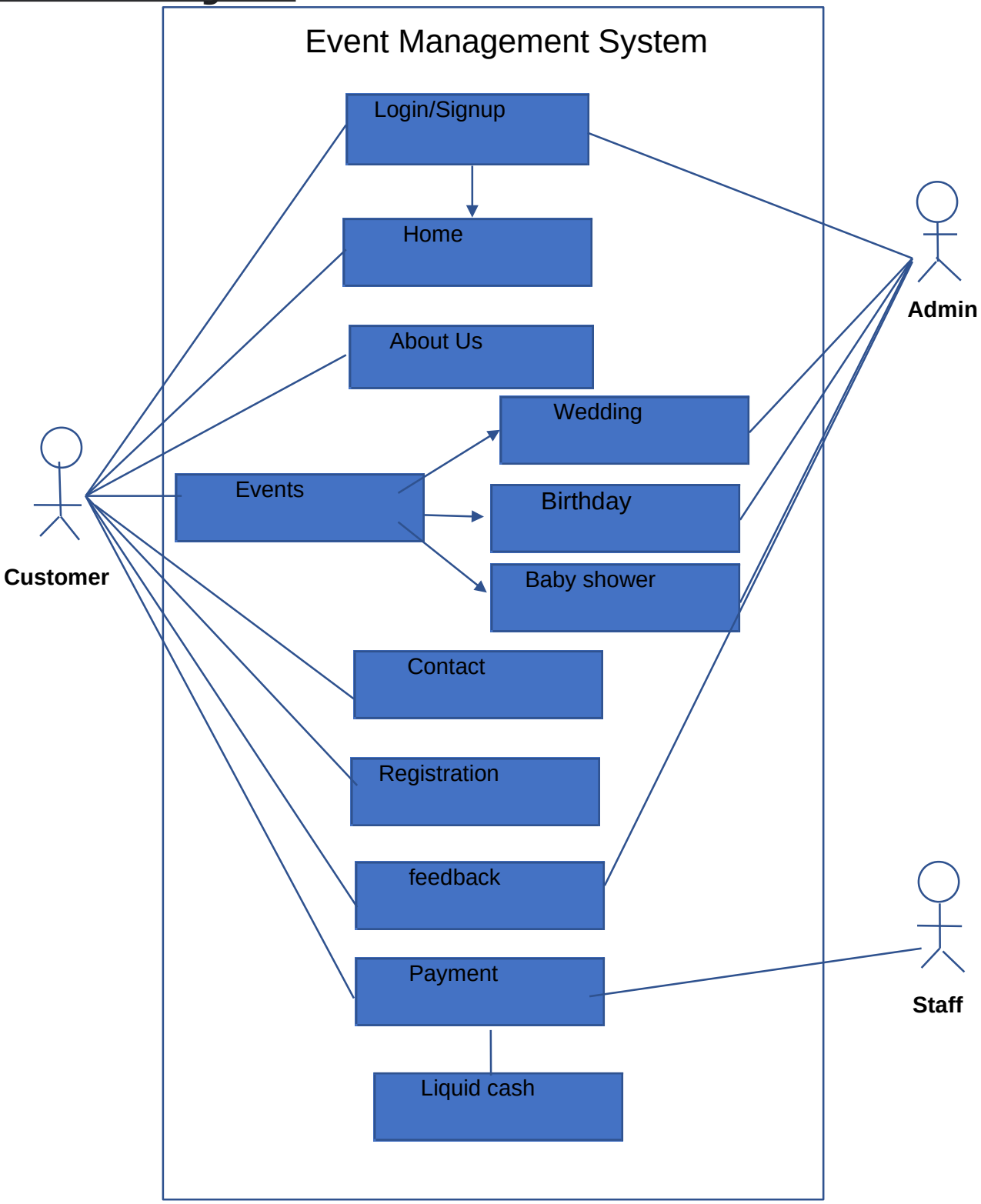
	Actor	Action	Object	Frequency	Arrival Pattern	Response
1.	Customer	onclick	Signup	1/day	Episodic	It asks detsails about username first name last name email along with the password of the user.
2.	Customer	onclick	Login	1/day	Episodic	It asks username password
3.	Customer	onclick	Main	1/day	Episodic	It displays all modules in the software that

						tells about different events.
4.	Customer	onclick	Home	1/day	Episodic	It displays information about company
5.	Customer	onclick	About us	1/day	Episodic	It displays information about managers
6.	Customer	onclick	Events	1/day	Episodic	It displays all types of events
7.	Customer	onclick	Wedding	1/day	Episodic	It displays info about wedding and registration form
8.	Customer	onclick	Birthday	1/day	Episodic	It displays info about birthday and registration form
9.	Customer	onclick	Baby shower	1/day	Episodic	It displays information about baby shower functions and registration form
10.	Customer	onclick	Registration	1/day	Episodic	It displays event details and requirements

						for registering an event.

Functional Requirements:

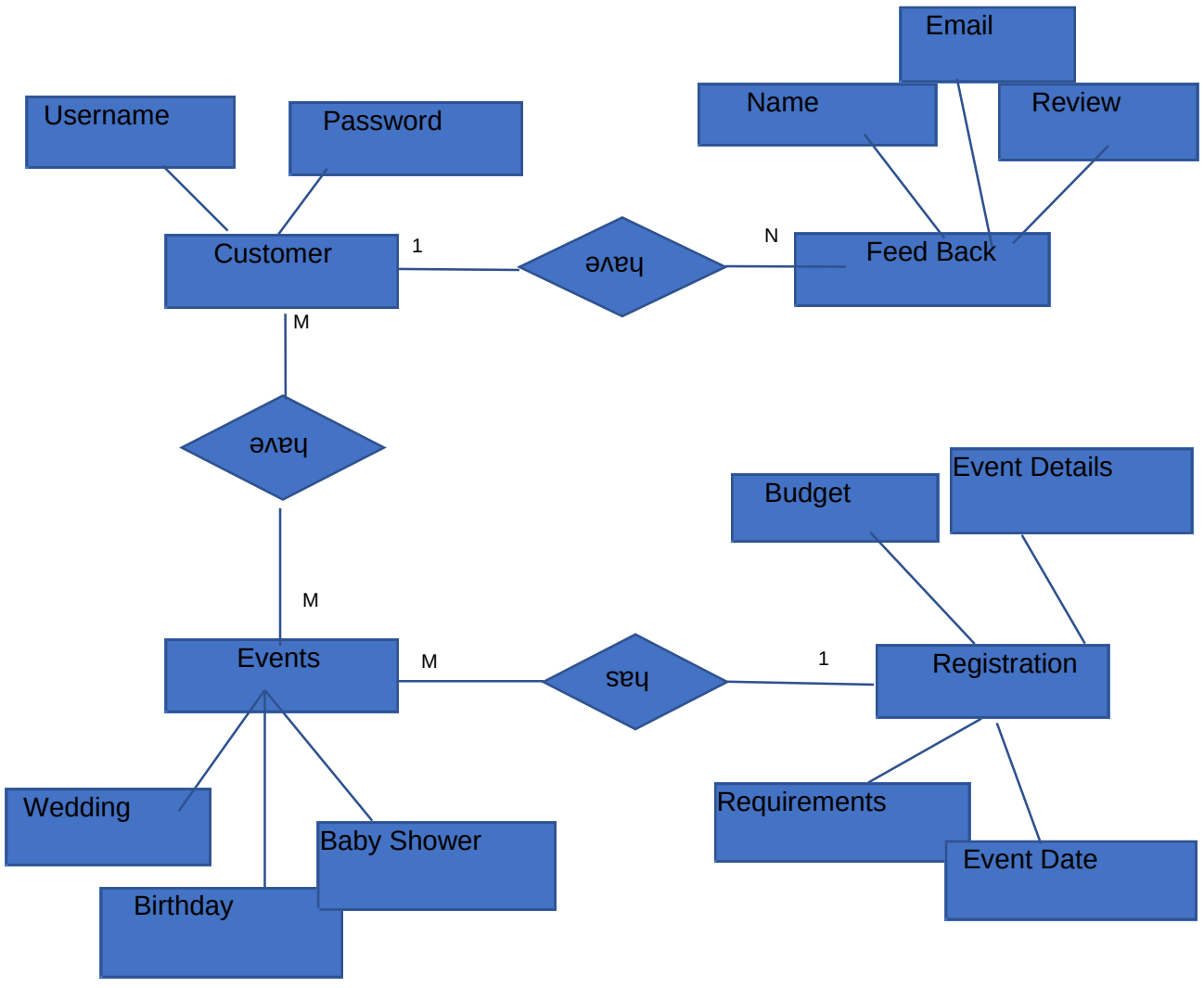
Use Case Diagram:



Use Case Overview:

	Use-case ID	Use-case Name	Priority	Stability	Verifiable
1.	UC-GM-Ev	Events	High	Stable	Verifiable
2.	UC-GM-RG	Registrations	High	Not Stable	Verifiable
3.	UC-GM-PM	Previous Models	High	Stable	Verifiable
4.	UC-GM-FB	FeedBack	High	Stable	Verifiable

ER Diagram:



Steps:

1.Install Python in the system

python –version

2.Install django by using pip

pip install django

3.Once we installed django in our system,we will get ‘django-admin’ command line tool ,which can be used to create our Django project. Create a project using : **django-admin startproject projectName**

By default some of the python files will be installed and database dbsqlite too. Open the project folder using visual studio code.

4.Create an application in that project folder

python3 manage.py startapp appname

5. Add application to the settings.py

6.Define view function inside views.py and define url-pattern to views inside urls.py

7. To Start Server run this following command in terminal

python3 manage.py runserver

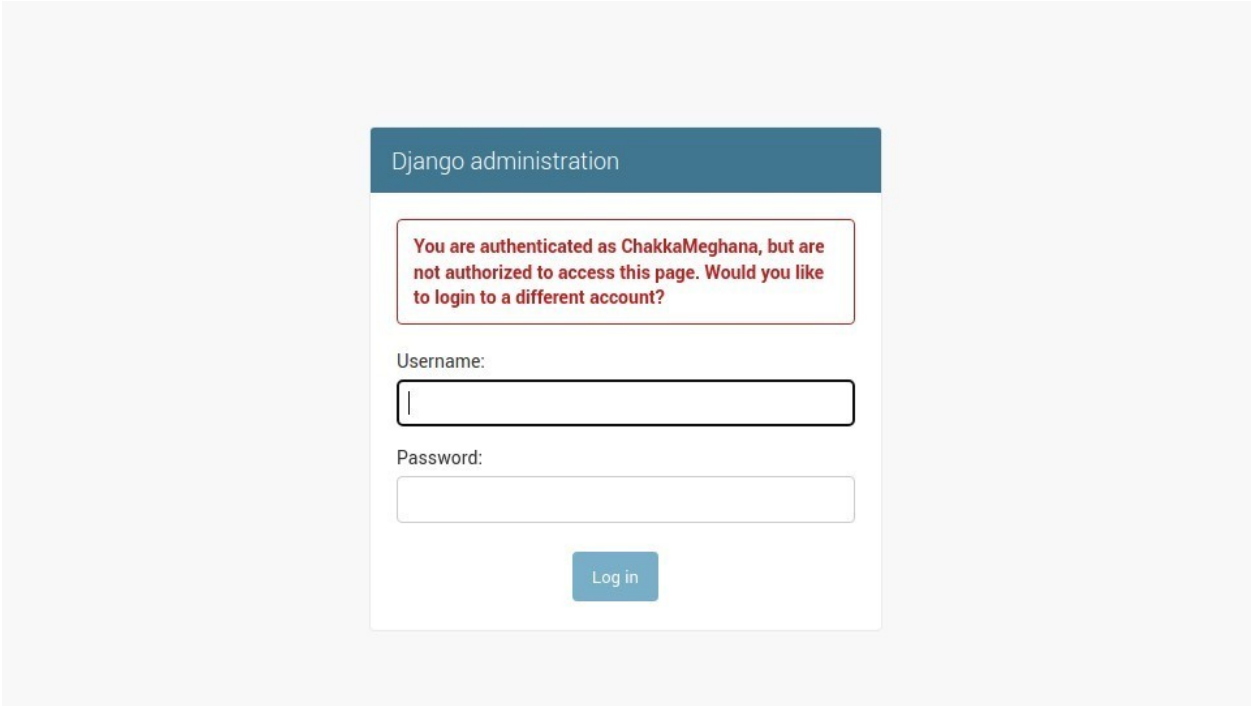
Make sure that run this command in the particular directory where this manage.py is present. This command will generate an url http://127.0.0.1:8000/ use ctrl+click on the url to open in the browser.

8.Send the request.

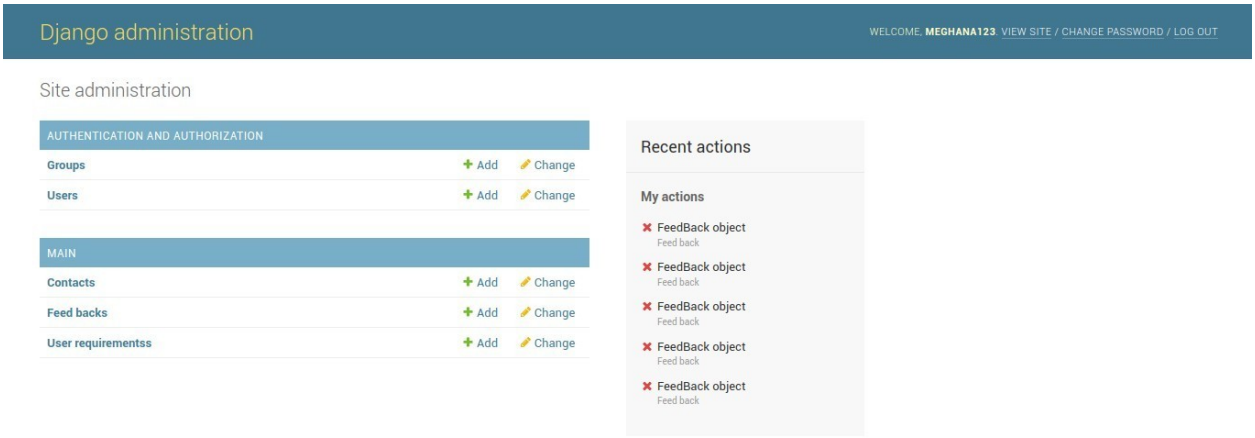
Admin Page:

Django provides a default admin interface which can be used to perform create, read, update and delete operations on the model directly. It reads set of data that explain and gives information about data from the model, to provide an instant interface where the user can adjust contents of the application.

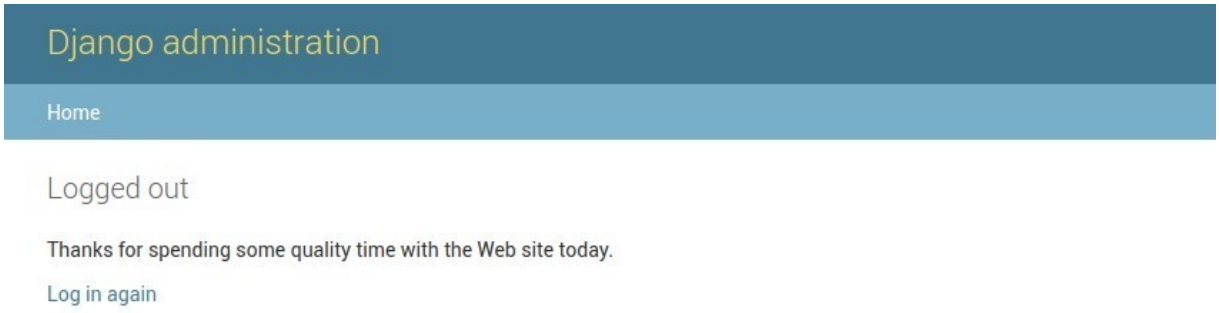
Admin Login Page:



Super User Creation:




Django administration
WELCOME, MEGHANA123. VIEW SITE / CHANGE PASSWORD / LOG OUT
Home › Main › Feed backs
Select feed back to change
ADD FEED BACK +
Action: --------- Go 0 of 1 selected
FEED BACK
FeedBack object
1 feed back


Django administration
Home
Logged out
Thanks for spending some quality time with the Web site today.
Log in again

Source Code:

Main.html:

```
<!DOCTYPE html>
{%load staticfiles%}
<html>
<head>
<title>home page</title>
<style>
* {
padding:0;
margin:0;
box-sizing: border-box;
}
body{
background: linear-gradient(to top,rgba(0,0,0,0.5)50%,rgba(0,0,0,0.5)50%),url("{%
static 'url/images/img2.jpg' %}");
background-position:center;
background-size:cover;
height: 109vh;
background-repeat:no-repeat;
font-family:sans-serif;
}
.menu-bar
{
text-align: center;
color:#7364ef;
}
.menu-bar ul
{
display: inline-flex;
list-style: none;
color: #fff;
}
.menu-bar ul li{
width: 100px;
margin: 10px;
padding: 6px;
}
.menu-bar ul li a
{
text-decoration: none;
color: #fff;
}
.sub-menu{
display:none;
}
```

```
.menu-bar ul li:hover .sub-menu
{
display: block;
position:relative;
margin-top: 15px;
}
.menu-bar ul li:hover .sub-menu ul
{
display: block;
margin: 10px;
}
.logo{
color: #ff7200;
font-size: 35px;
font-family:Arial;
padding-left: 20px;
float:left;
padding-top:10px;
}
.scroll{
padding:100px;
margin-top: 1500;
margin-bottom:500;
font-size:70px;
font-family:Arial, Helvetica, sans-serif;
font-style: italic;
color: #fff;
font-weight: 100;
}
#caption{
font-size: 50px;
font-family:Georgia, 'Times New Roman', Times, serif;
}
</style>
</head>
<body>
<div class="logo">
{% load static %}<img src={% static "url/images/logo1.png" %} width="120"
height="100" alt="">
</div>
<b>
<div class="menu-bar">
<ul>
<li class="active"><i class="fa fa-home"></i><a href={% url 'home'
%}>Home</a></li>
<li><a href={% url 'about' %}>About us</a></li>
<li><a href="#">Event</a>
<div class="sub-menu">
```

```
<ul>
<li><a href={% url 'wedding' %}>Wedding</a></li>
<li><a href={% url 'birthday' %}>Birthday</a></li>
<li><a href={% url 'babyshower' %}>Baby shower</a></li>
</ul>
</div>
</li>
<li><a href={% url 'contact' %}>Contact</a></li>
<!----- <li><a href={% url 'sign_up' %}>signup</a></li>-->
<li><a href={% url 'loginaction' %}>Logout</a></li>
<li><a href={% url 'feedbackview' %}>Feedback</a></li>
<li><a href={% url 'change_pass' %}>Changepassword</a></li>
</ul></div>
</b>
<div class="scroll">
<marquee scrollamount="15px" direction="right" width="200%">WELCOME TO
GOLDEN MEMORIES</marquee>
<marquee scrollamount="15px" id="caption">create your memories</marquee>
</div>
</body>
</html>
```

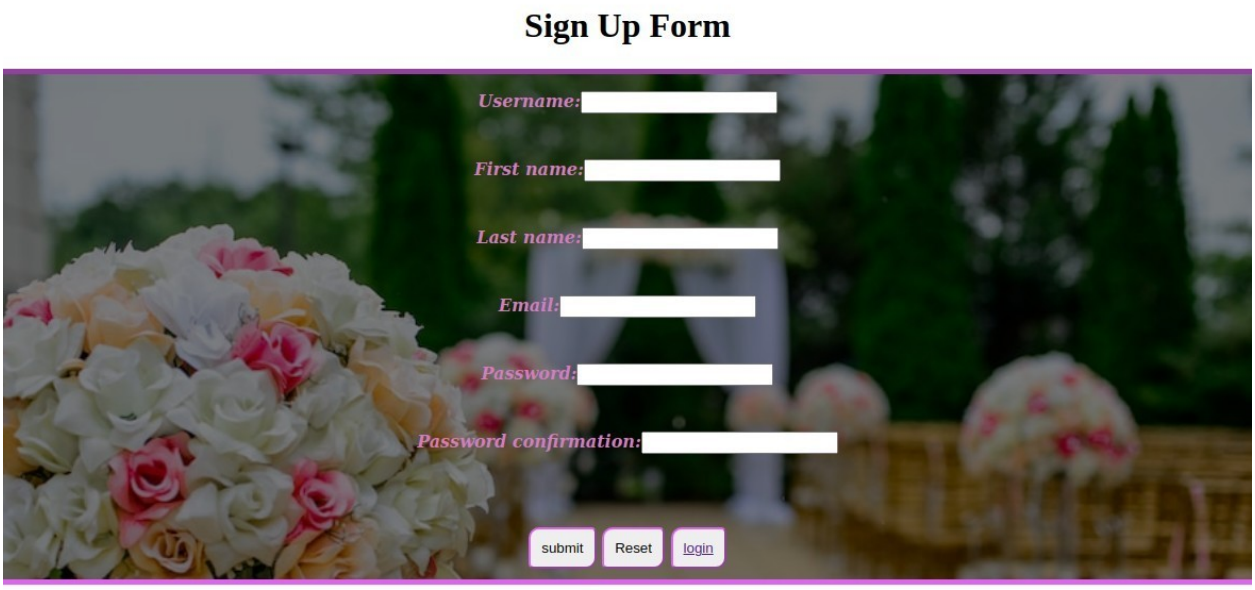
views.py (main):

```
from django.shortcuts import render
from .models import UserRequirements,FeedBack
from django.shortcuts import render,HttpResponseRedirect
from django.contrib import messages
from django.core import serializers
from django.contrib.auth import update_session_auth_hash
from django.contrib.auth.forms import PasswordChangeForm
# Create your views here.
def main(request):
        return render(request,"main.html")
def birthday(request):
        return render(request,"birthday.html")
def babyshower(request):
        return render(request,"babyshower.html")
def register(request):
        if request.method == 'POST':
                name = request.POST['Fullname']
                mobile = request.POST['phone']
                email = request.POST['EMAIL']
                address = request.POST['Address']
                budget = request.POST['payment']
                requirements = request.POST['req']
                theme = request.POST['Theme']
                messages.success(request,'data registered successfully')
```

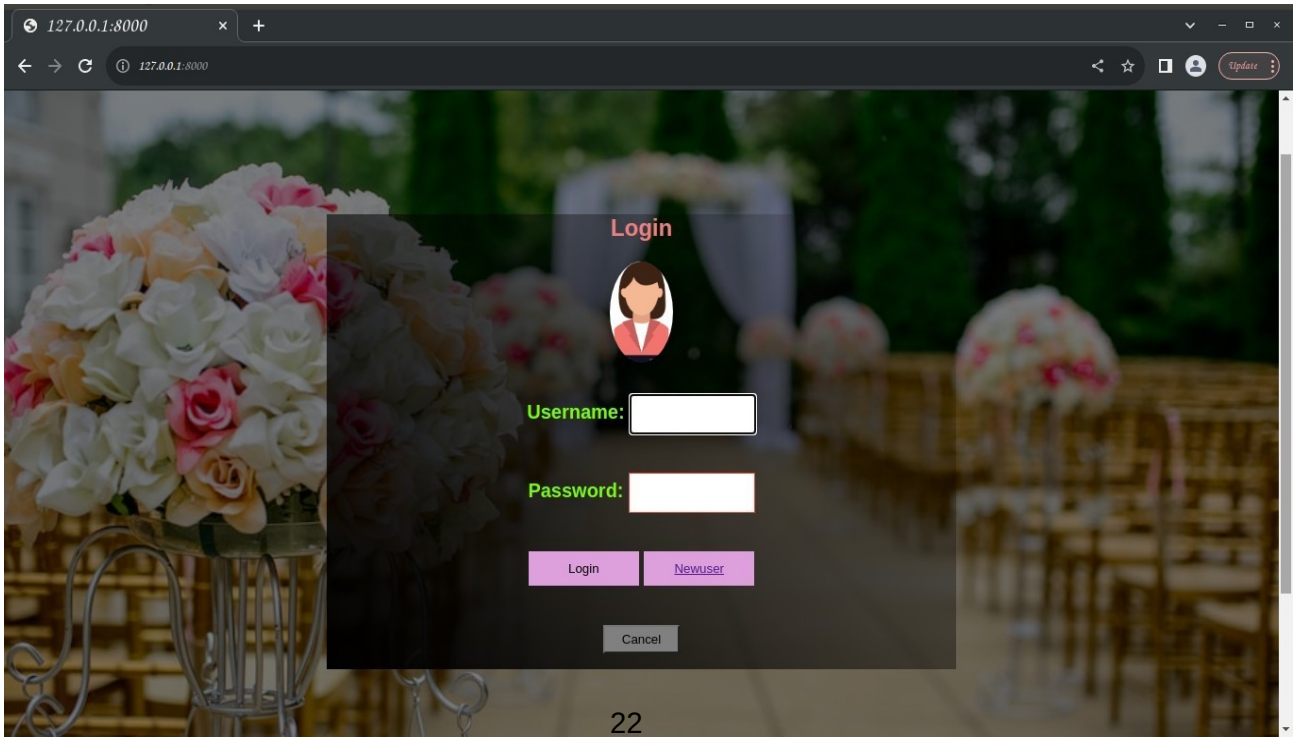
```
                23
                obj= UserRequirements()
                obj.name= name
                obj.mobile = mobile
                obj.email = email
                obj.address = address
                obj.budget = budget
                obj.requirements = requirements
                obj.theme = theme
                obj.save()
        return render(request,"register.html")
def home(request):
        return render(request,"home.html")
def wedding(request):
        return render(request,"wedding.html")
def feedbackview(request):
        if request.method=='POST':
                Name=request.POST['name']
                Email=request.POST['email']
                feedback=request.POST['feedback']
                messages.success(request,'Feedback Submitted successfully')
                obj=FeedBack()
                obj.Name=Name
                obj.Email=Email
                obj.feedback=feedback
                obj.save()
                data = serializers.serialize("python",FeedBack.objects.all())
                my_dict={
                'data': data,
                }
        return render(request,'feedback.html',context=my_dict)
def change_pass(request):
        if request.user.is_authenticated:
                if request.method == 'POST':
                        fm = PasswordChangeForm(user=request.user,data=request.POST)
                        if fm.is_valid():
                        fm.save()
                        update_session_auth_hash(request,fm.user)
                        messages.success(request,'Password changed successfully !!!!!')
                return HttpResponseRedirect('login')
                else:
                        fm = PasswordChangeForm(user=request.user)
                        return render(request,'changepass.html',{'form':fm})
        else:
                return HttpResponseRedirect('login')
def contact(request):
        return render(request,"contact.html")
```

Web Pages:

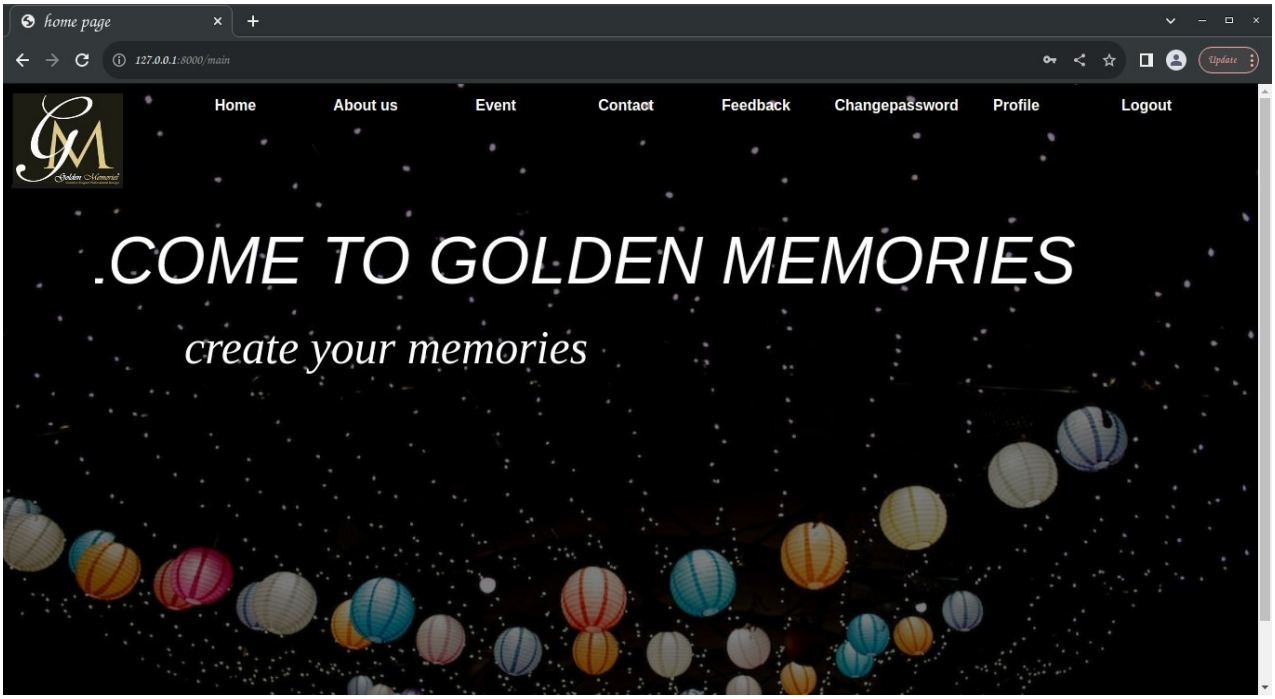
Sign Up Page:



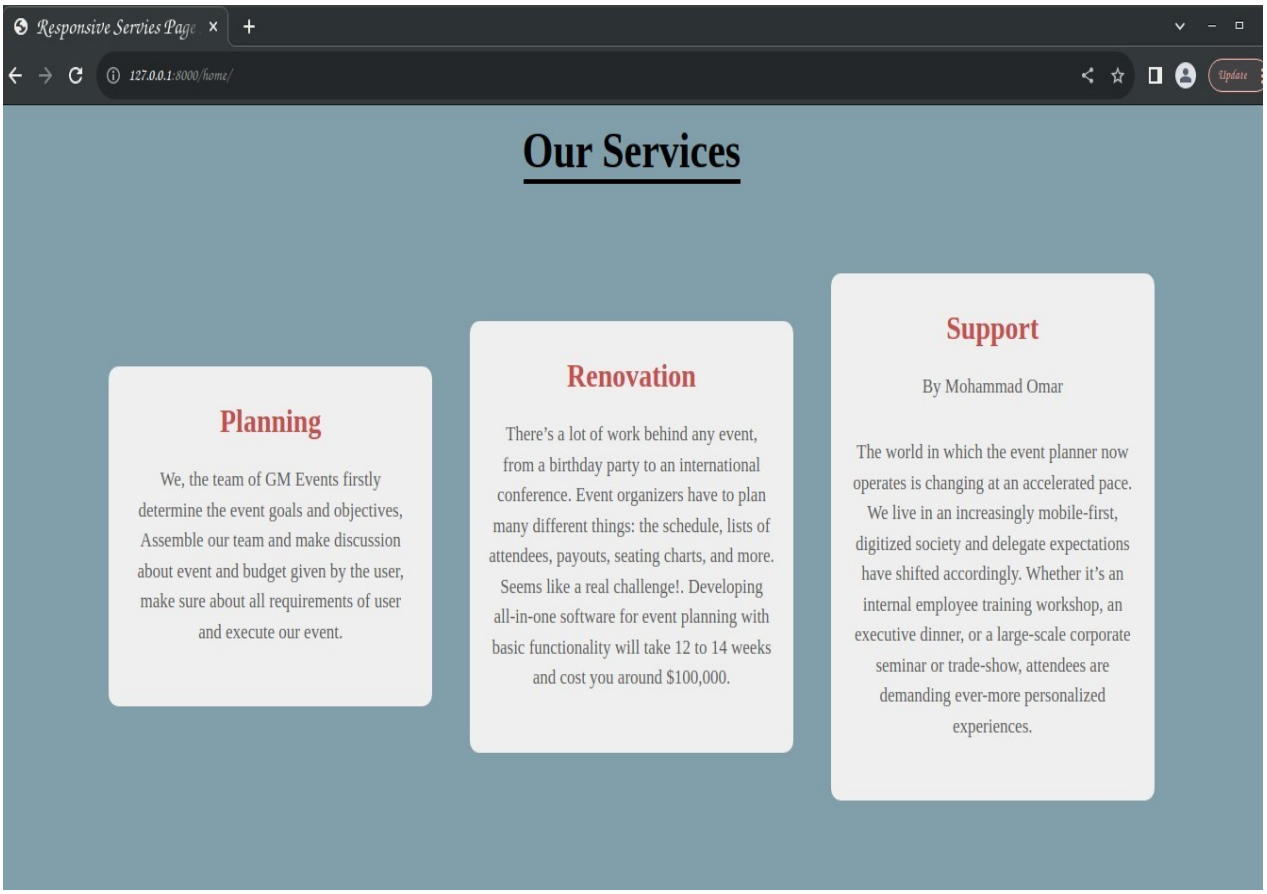
Login Page:



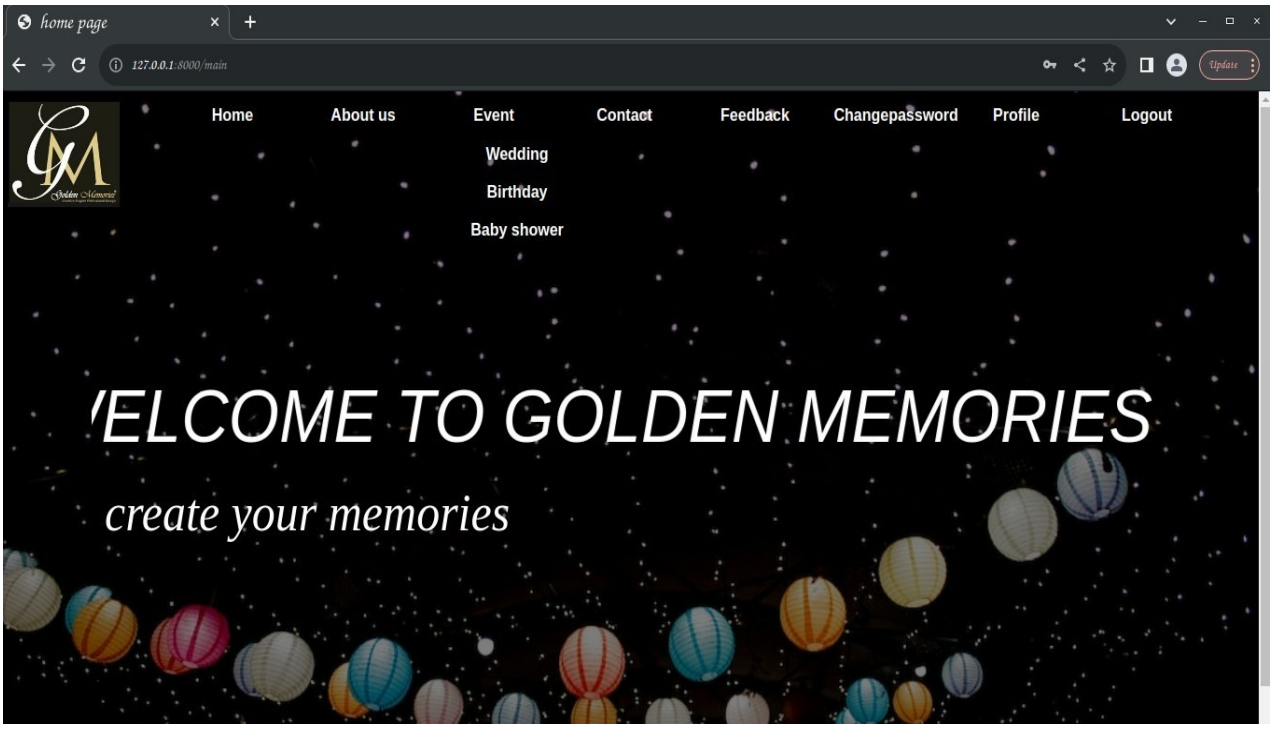
Home Page:



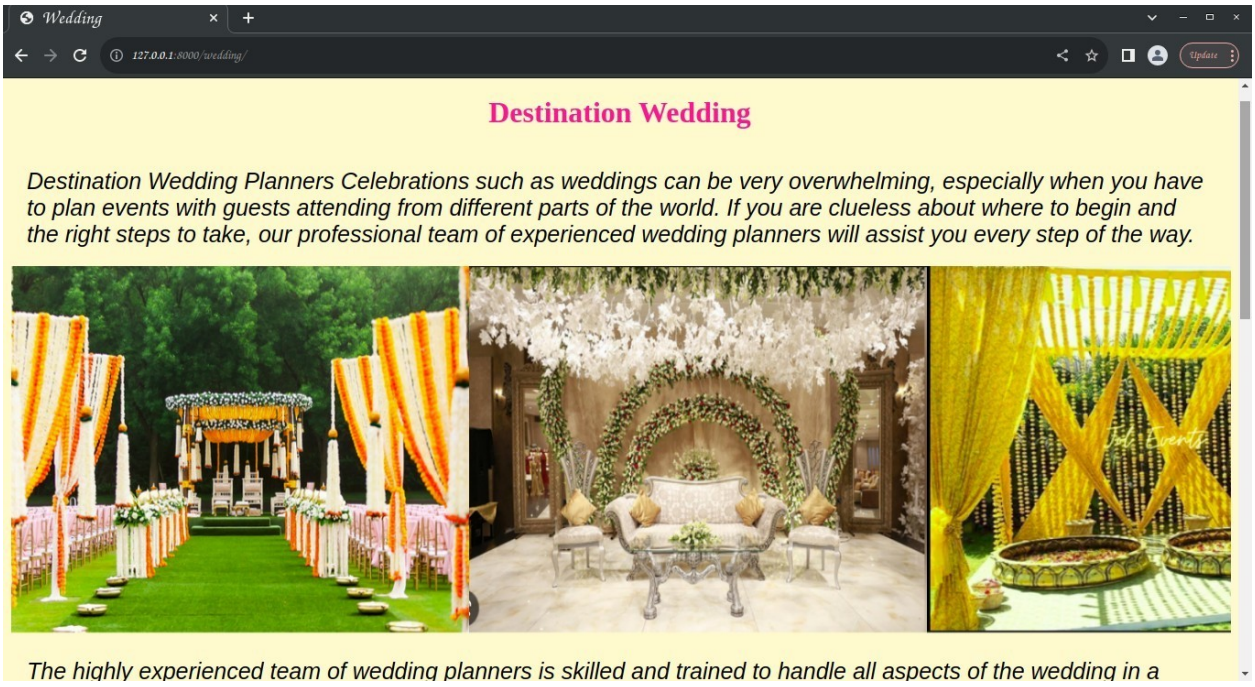
Services Page:



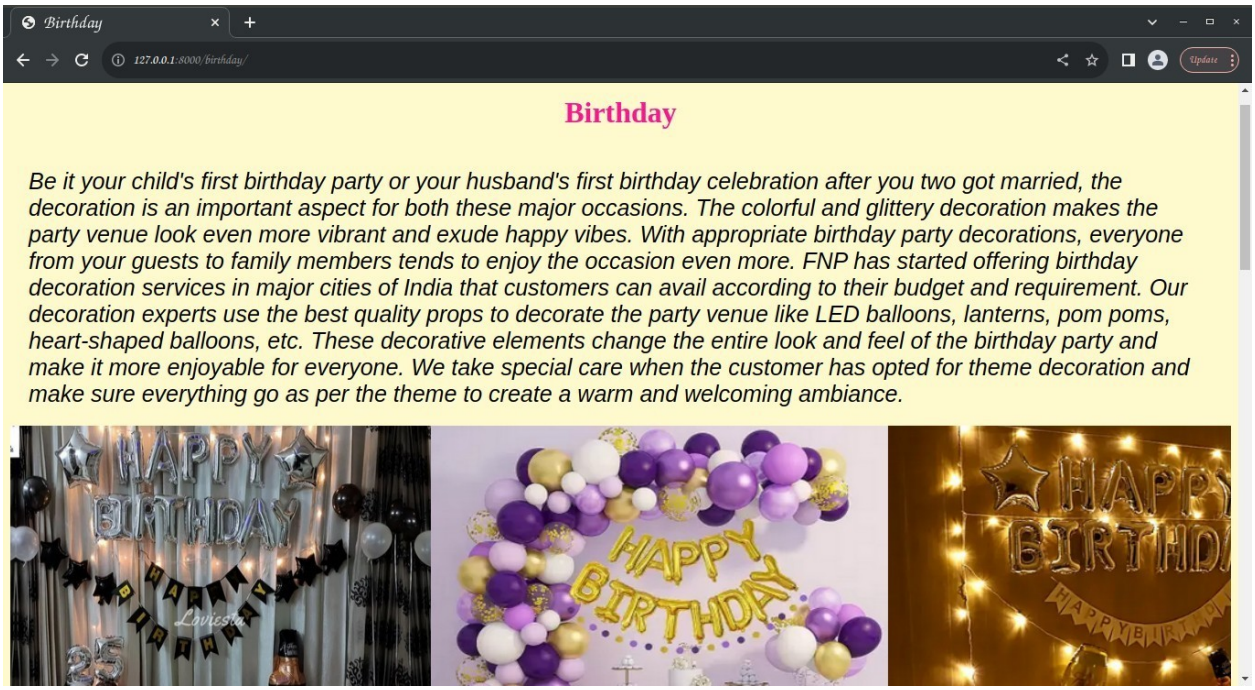
Events Page:



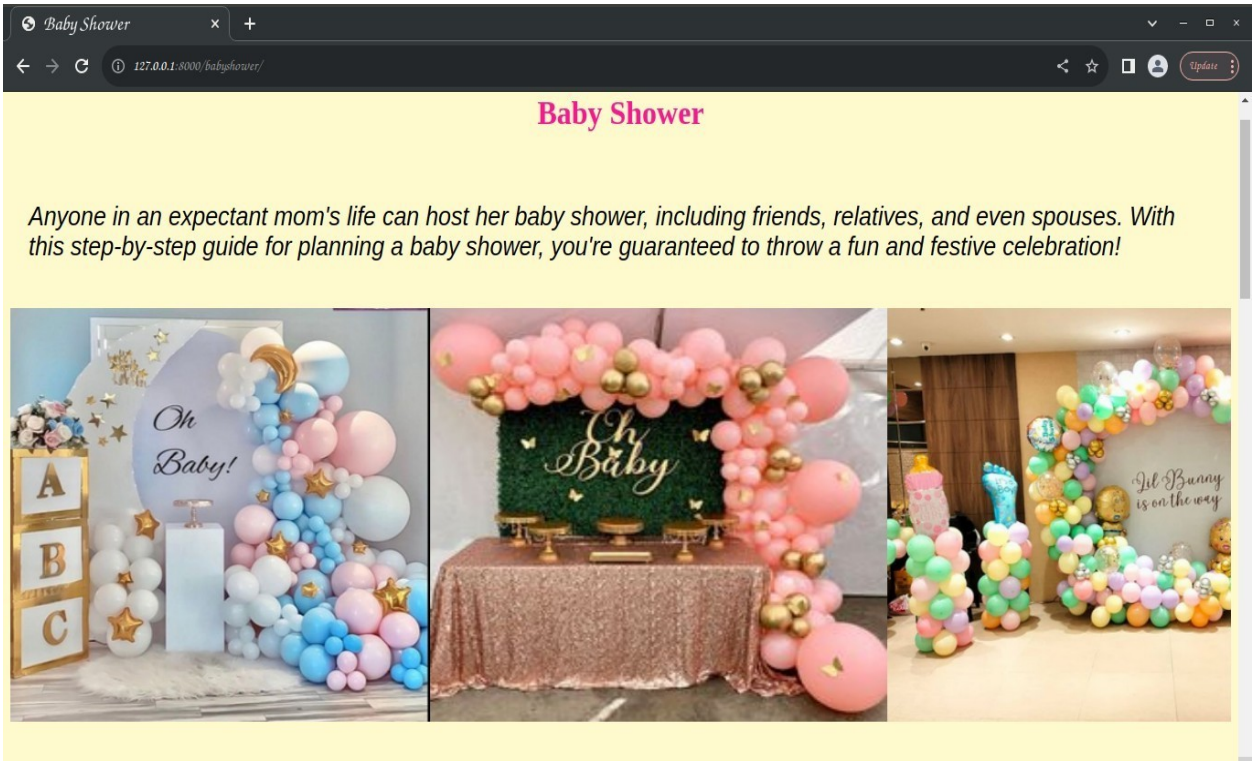
Wedding Page:



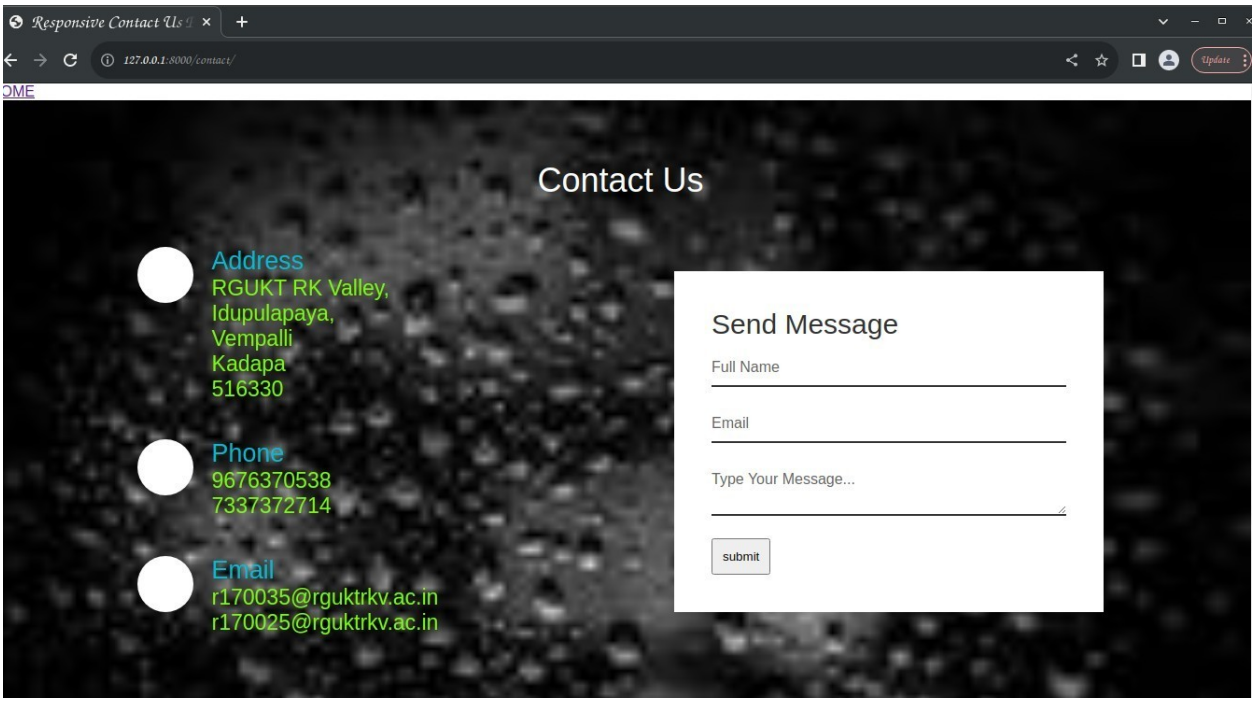
Birthday Page:



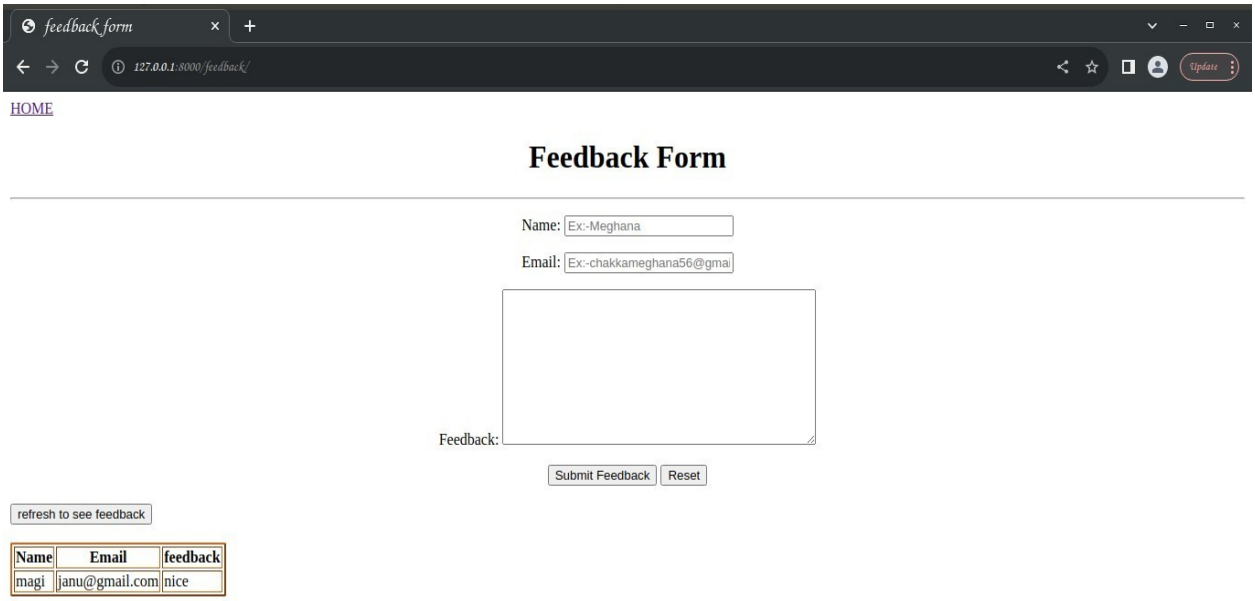
Baby Shower Page:



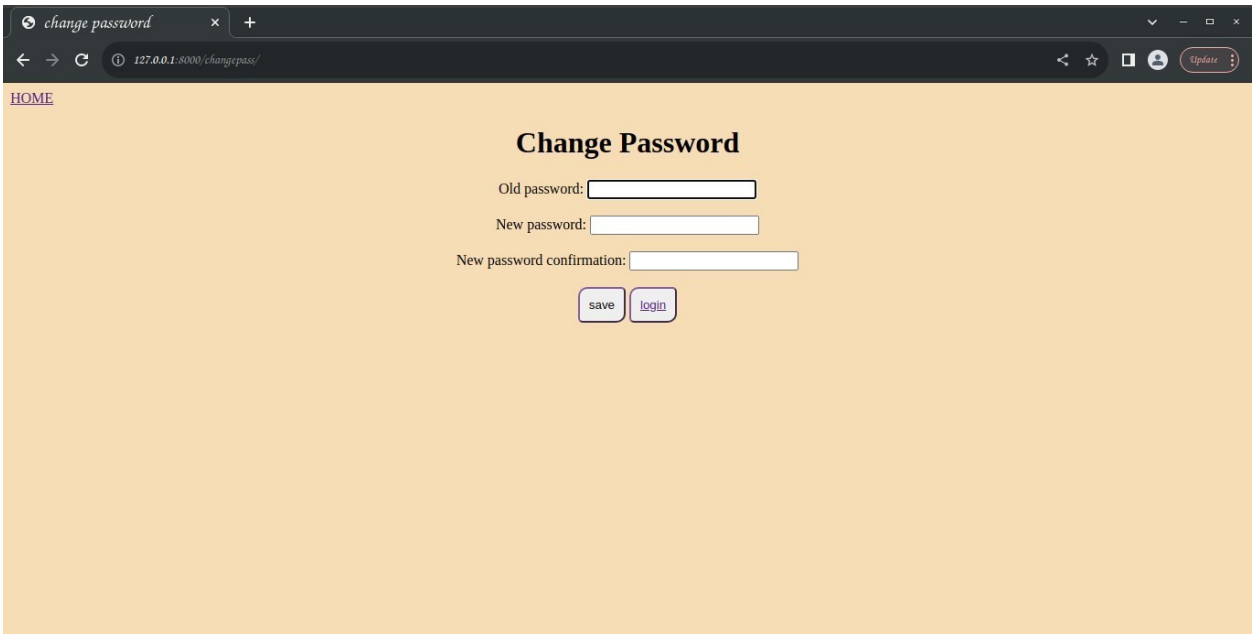
Contact Us page :



Feedback Page:



Change Password Page:



References:

1. https://stackoverflow.com/questions/36797051/django-login-error-attempt-to-write-a-readonly-database

2. https://www.digitalocean.com/community/tutorials/how-to-install-the-django-web-framework-on-ubuntu-18-04.

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