SETUP DOCUMENT

Z 7layers

Version: 3

- **Date**: 30-03-2019
- **Tutor**: Mikaeil Shaghelani Lor
- **Client**: Emin Thaqi
- **Group members:** Mohamad Wissam Alhamwi – Dimitrije Guteša- Radu Pavel- Borislav Pavlov

Version History

The following table provides information about the development of the Setup Document, including the main changes in the Setup Document (adding and editing information) and the dates for the approval of this information:

ID & Version #	Prepared by	Revision Date	Approved	Actions
1.0	Borislav Pavlov	12.03.2019	Mikaeil Shaghelani Lor	Added GUIs for half of the applications, wireframes of the website, site map, visual design of some of the pages, ERD diagram picture. Made suggestions for the agreements with the client and the functional requirements for the applications in MoSCoW model
1.1	Borislav Pavlov	17.03.2019	Mikaeil Shaghelani Lor	Changed - GUIs, ERD Diagram and the format of the tables. Also added Use Cases
1.2	Borislav Pavlov	30.03.2019		Changed - GUIs

Contents

Version History 2

Contents 3

1 Agreements with the Client 4

2 Processes 9

2.1 Flow Chart 9

3 Functional Requirements 9

4 GUIs 13

4.1 Check In and Out Application 13

4.2 Camping Application 13

4.3 Shop Application 13

4.4 Loan Stand Application 13

4.5 ATM Stand Application 13

4.6 ATM Log Reader Application 13

4.7 Admin Panel

5 Website Wireframe 14

5.1 Visual Design and Site Map 28

6 ERD 32

1 Agreements with the Client

From the team side:

The client has hired the team to create a software solution for managing events.
The deliverables of the team can be seen in Table 1 below:

The deliverable	Purpose	Features (MoSCoW method)
Application 1: The website	Informing people about the event and allows reservation of tickets and camping spots	❖ **Must have:** ➢ Event information ➢ Ticket purchasing ➢ Receiving an email confirmation and BARCODE ➢ Customer registration ○ Give unique id number to users ➢ Camping reservation ○ Visitor has to specify all people renting the place (up to 6 people) ➢ User money deposit ❖ **Should have:** ➢ Admin page ○ Client posting announcements ➢ Responsive design ❖ **Could have:** ➢ Mobile app ➢ User reviews ❖ **Won't have: —**

The deliverable	Purpose	Features (MoSCoW method)
Application 2: Check in/out application	Checking visitors in and out of the event and camping	❖ **Must have:** ❖ Visitor check-in ➢ Check if he has paid ❖ **Sell tickets** ❖ **Visitor check-out** ➢ Check account balance ➢ Check loaned materials ❖ **Camping check-in:** ➢ Check if group has paid ➢ Sell camping: ticket if not with additional fee ❖ **Should have: —** ❖ **Could have:** ➢ Security password ❖ **Won't have:** ➢ User Manual

The deliverable	Purpose	Features (MoSCoW method)
Application 3: Shop application	Supporting the shops (food/drinks/souvenirs) and the loan stands	❖ **Must have:** ➢ Visitor uses RFID Chip to pay and also can use user ID ❖ **Should have:** ➢ Generating receipt for visitor ❖ **Could have:** ➢ Security password ❖ **Won't have:** ➢ User manual

The deliverable	Purpose	Features (MoSCoW method)
Application 4: Admin Panel	Allow getting a clear status overview of the event	❖ **Must have:** ➢ Camping statistics (booked and free spots) ➢ Visitor status and history ➢ Amount visitors present ➢ Amount visitors that visit the event ❖ **Should have:** ➢ Overview balance of all visitors ➢ Total amount gathered from stands ❖ **Could have:** ➢ Total amount of certain product sold ➢ Security password ❖ **Won't have:** ➢ User manual

The deliverable	Purpose	Features (MoSCoW method)
Application 5: ATM stand application	Supporting the ATM stands working with the client balance	❖ **Must have:** ➢ Visitor depositing money on account ❖ **Should have:** ➢ Log files with information about deposits ❖ **Could have:** ❖ **Won't have:** ➢ Withdrawing money from account before visitor leaves the event ➢ User manual

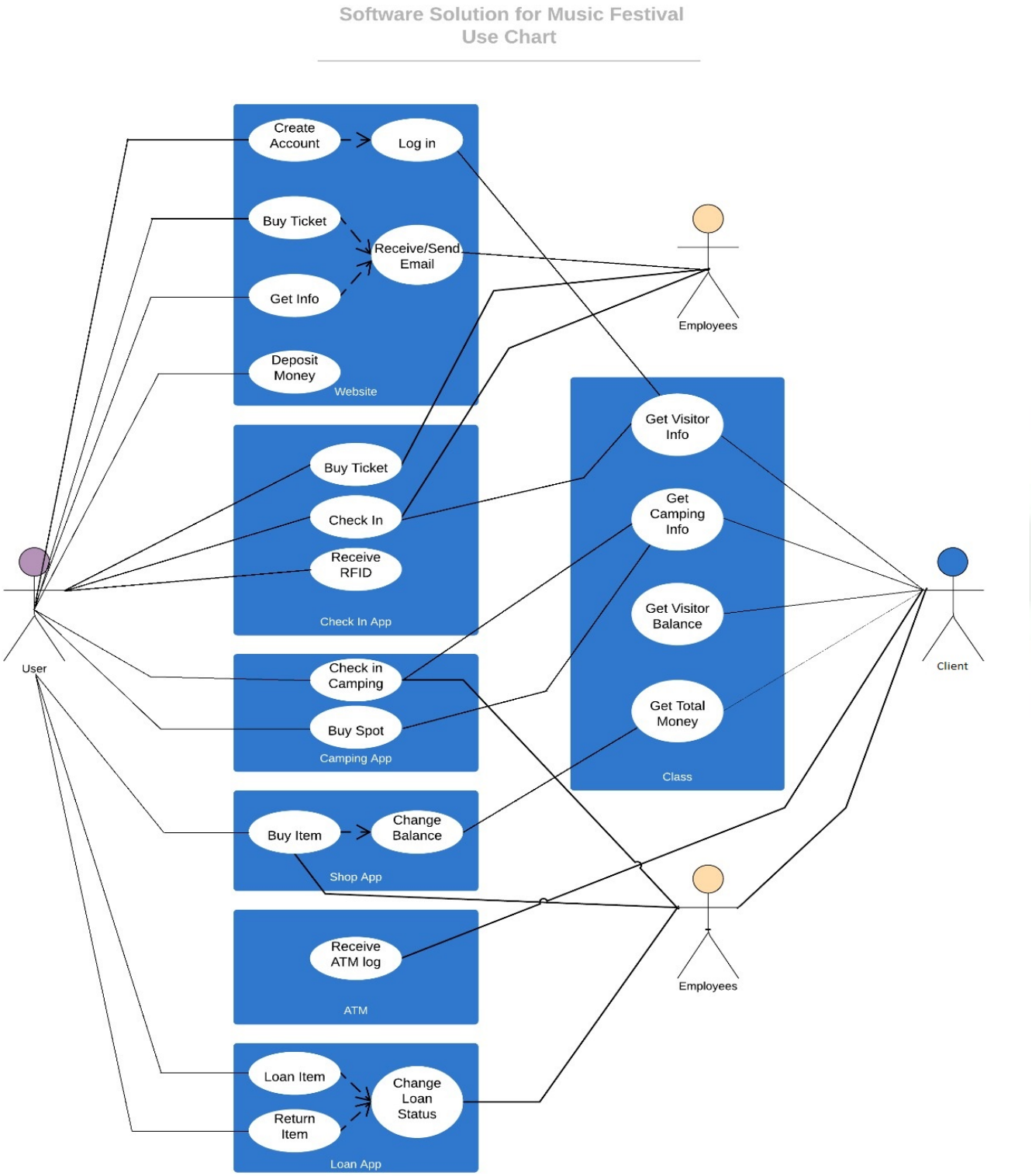
The deliverable	Purpose	Features (MoSCoW method)
Application 6: ATM Log application	Update the event account of the visitors according to the log file	❖ **Must have:** ❖ **Should have** ➢ Optimal way to update the database ❖ **Could have:** ❖ **Would have:**

The deliverable	Purpose	Features (MoSCoW method)
Database	Supporting all the applications and the website	❖ **Must have:** ➢ Optimized database ❖ **Should have:** ➢ Covers all the requirements ❖ **Could have: —** ❖ **Won't have: —**

The deliverable	Purpose	Features (MoSCoW method)
Process flow documentation	Showing all the steps to perform specific tasks in the applications	❖ **Must have:** ➢ Clear graphical view on all the step the visitor can take to perform actions in the applications ❖ **Should have: —** ❖ **Could have: —** ❖ **Won't have:**

2 Processes

2.1 Use Case Chart



3 Functional Requirements

In the table below all the deliverables are listed in the column Application, and the functional requirements to the deliverables are sorted using the MoSCoW method.

Application	Must Have	Should have	Could have	Won't have
Website	❖ Customer registration (giving the customer unique ID number and BARCODE which will be used for getting in the Event) ❖ Information about the event ❖ Ticket purchasing ❖ Camping spot reservation for groups (max 6 people) ❖ Deposit money in account after ticket purchasing	❖ Admin page ❖ Responsive design	❖ Separate mobile app ❖ User review page	

Application	Must Have	Should have	Could have	Won't have
Application that checks visitors in and out of the event	❖ Check if the user is allowed to enter ❖ Sell tickets on entrance with increased price When visitor leaves, check the balance of his account and loaned materials ❖ When visitor leaves, mark his account as invalid		Security password	User manual

Application	Must Have	Should have	Could have	Won't have
Application that checks visitors in and out of the camping	❖ Check if the user is allowed to enter ❖ Check if the user has purchased a ticket ❖ If user didn't pay for the spot, he can pay with additional fee		Security password	User manual

Application	Must Have	Should have	Could have	Won't have
Application that manages ATM stands	❖ Depositing money in account	❖ Delivering log files with information about the deposits	Security password	❖ Withdrawing money from the account before client leaves the event ❖ User manual

Application	Must Have	Should have	Could have	Won't have
Application that supports the shops (food/drinks/souvenirs)	❖ Visitor uses his RFID Chip to pay or his User ID, money is taken from his account	❖ Application generates a receipt for the visitor	Security password	User manual

Application	Must Have	Should have	Could have	Won't have
Application that supports the loan stands	Visitor uses his RFID Chip to pay or his User ID to pay, money is taken from his account	❖ Application generates a receipt for the visitor	Security password	User manual

Application	Must Have	Should have	Could have	Won't have
An application that allows the organization to get a clear status overview of the event	❖ Camping statistics (booked and free spots) ❖ Visitor status and history ❖ Amount of visitors present on the event ❖ Amount of visitors that attended the Event	❖ Overview of the total balance of all visitors and the total money spent ❖ Total money gathered from stands	❖ Total amount of a certain product sold ❖ Security password	User manual

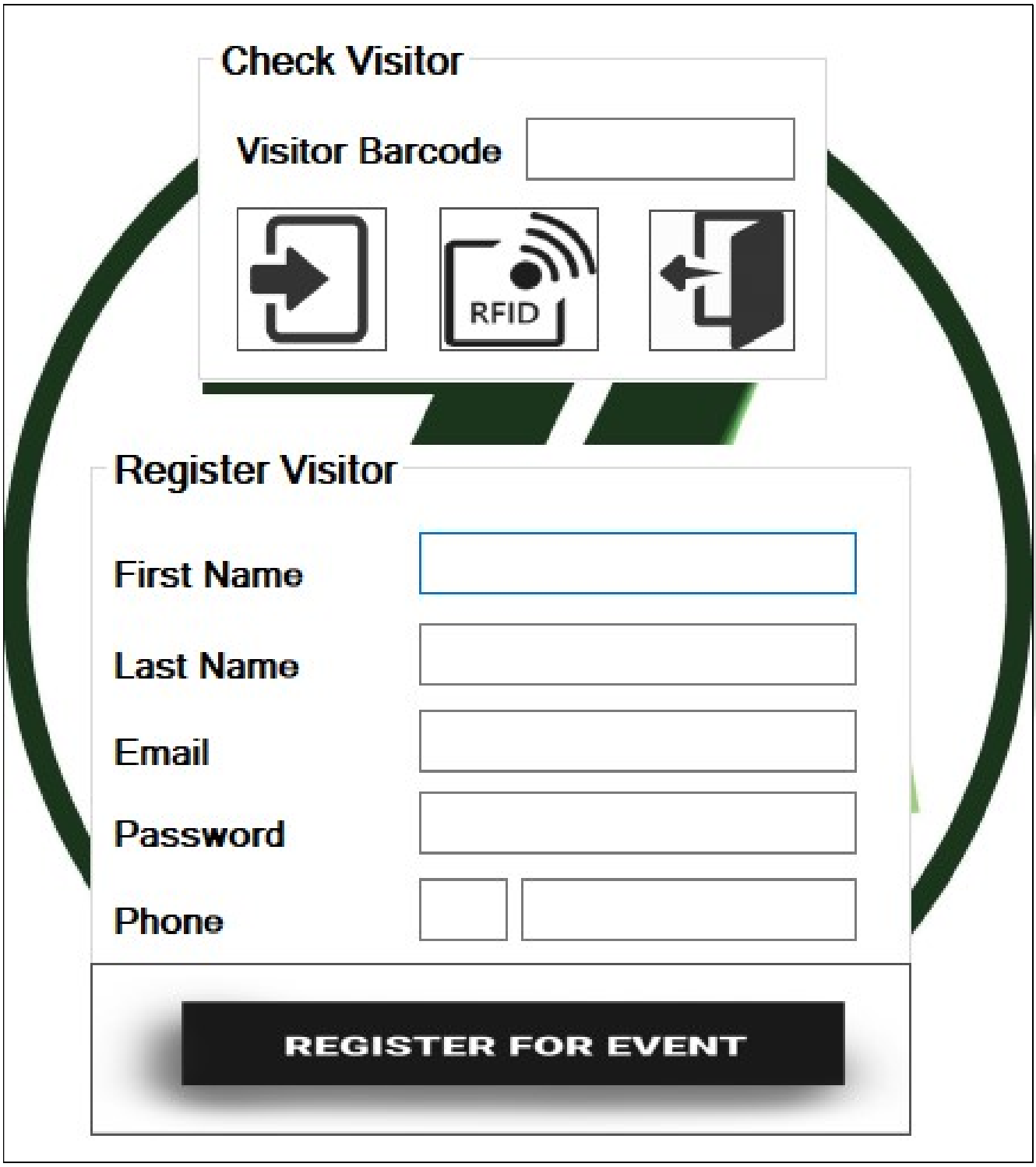
Application	Must Have	Should have	Could have	Won't have
An application to update the event account of the visitors according to the log file		❖ Optimal simple way to update the database		

Application	Must Have	Should have	Could have	Won't have
A database supporting all the applications	❖ Optimized database	❖ Database covers all the requirements		

Application	Must Have	Should have	Could have	Won't have
Flow documentation	❖ Clear graphical view on all the step the visitor has to take to perform actions in the applications	❖ Database covers all the requirements		

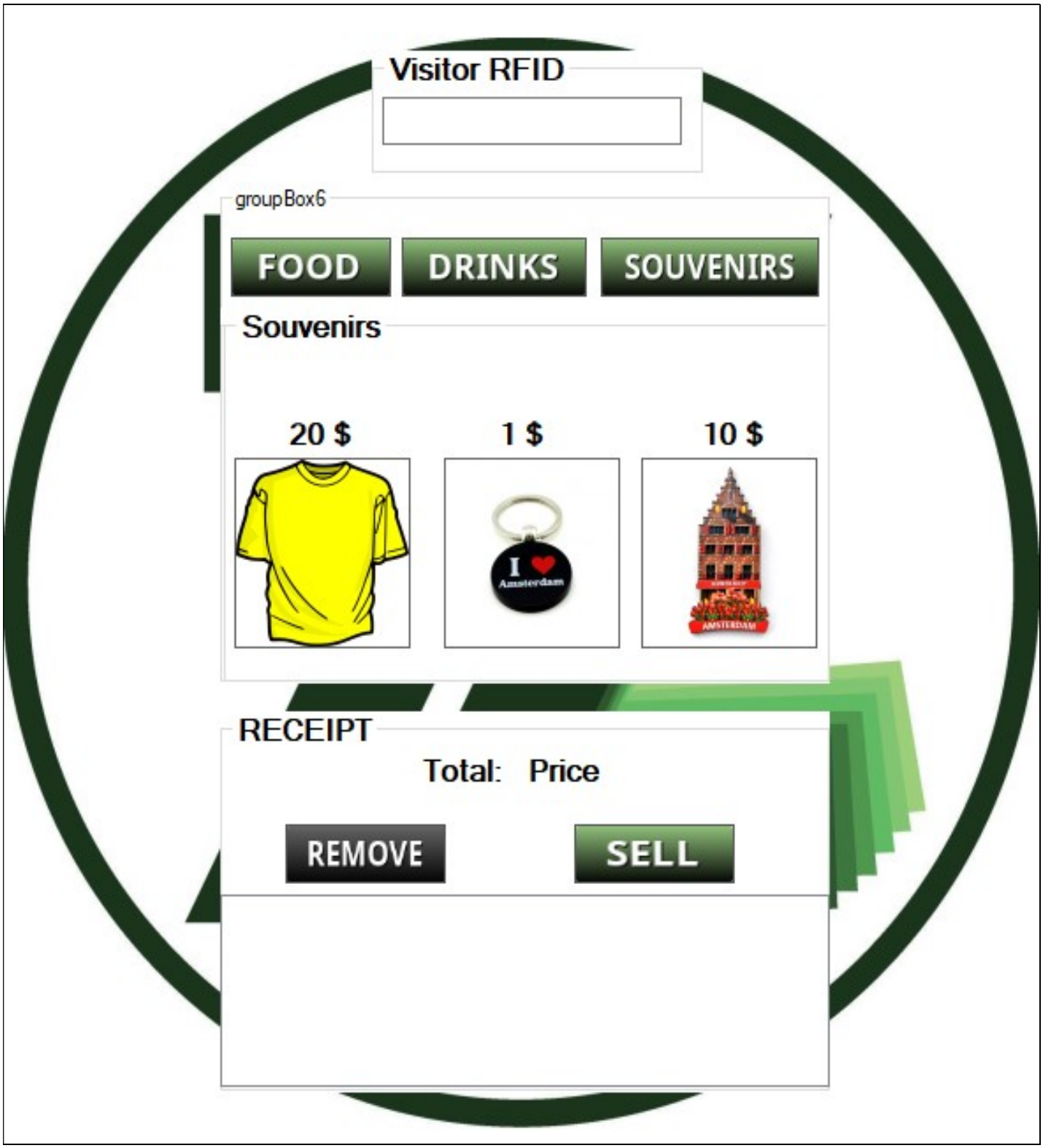
4 GUI

4.1 Check - In and Out Application

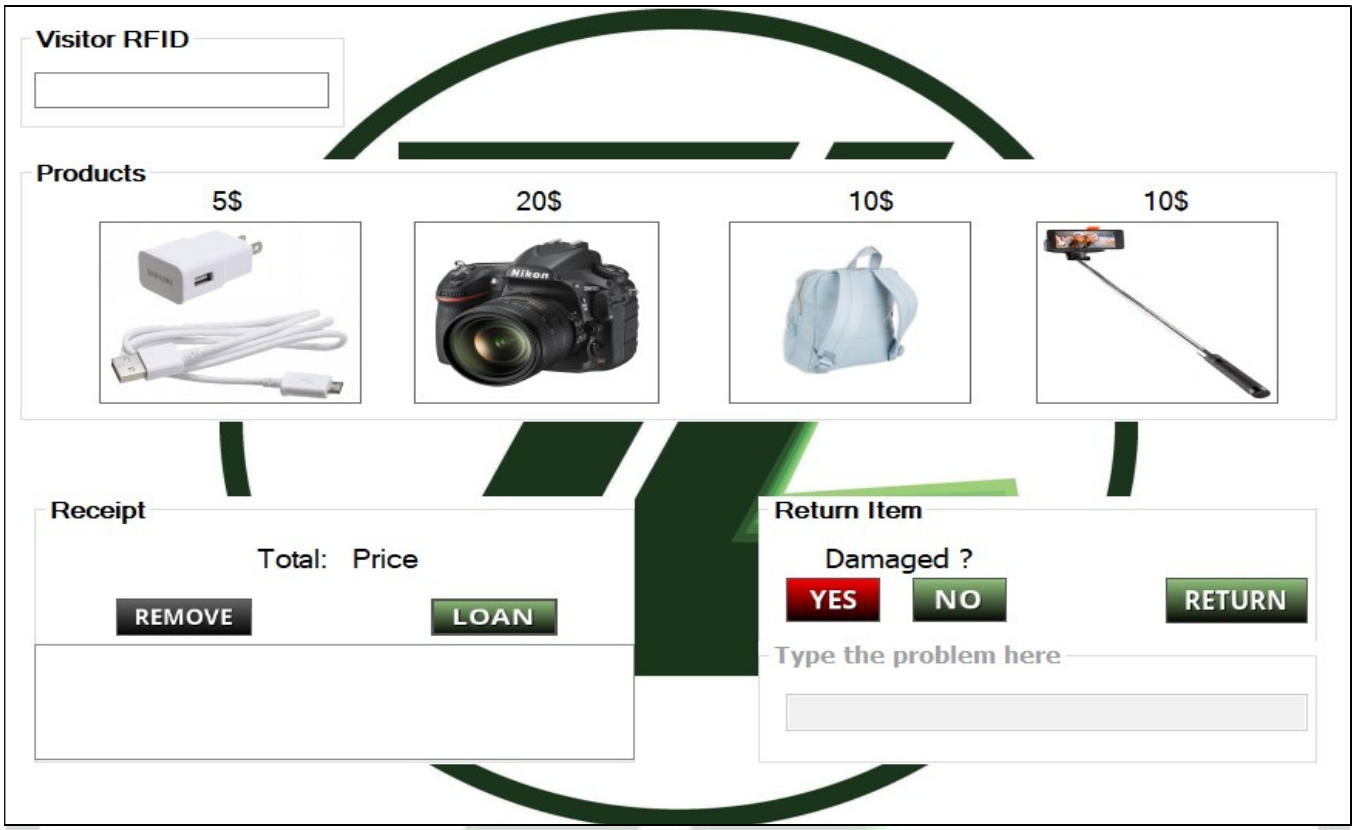


4.2 Camping Application

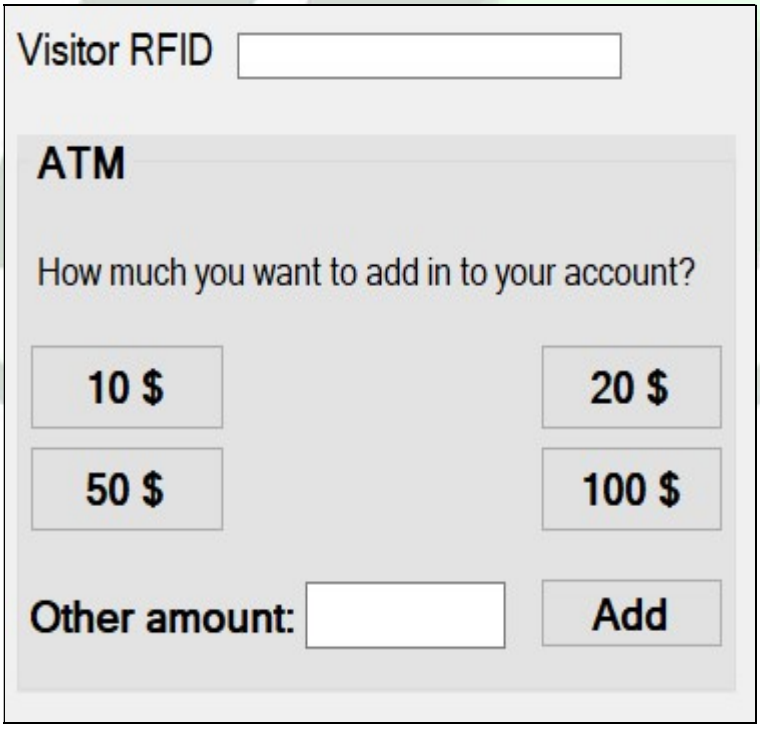
4.3 Shop Application



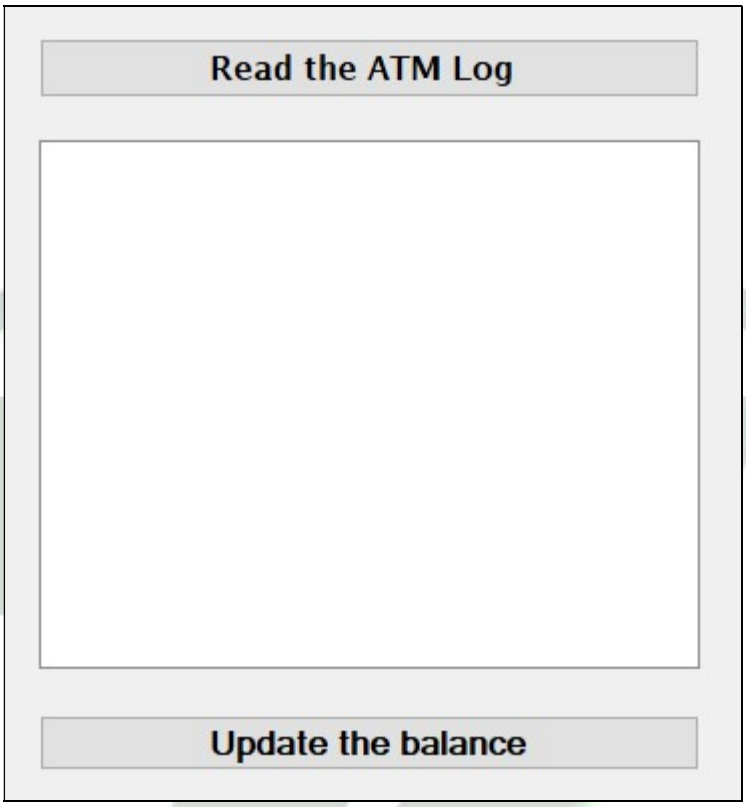
4.4 Loan Stand Application



4.5 ATM Stand Application

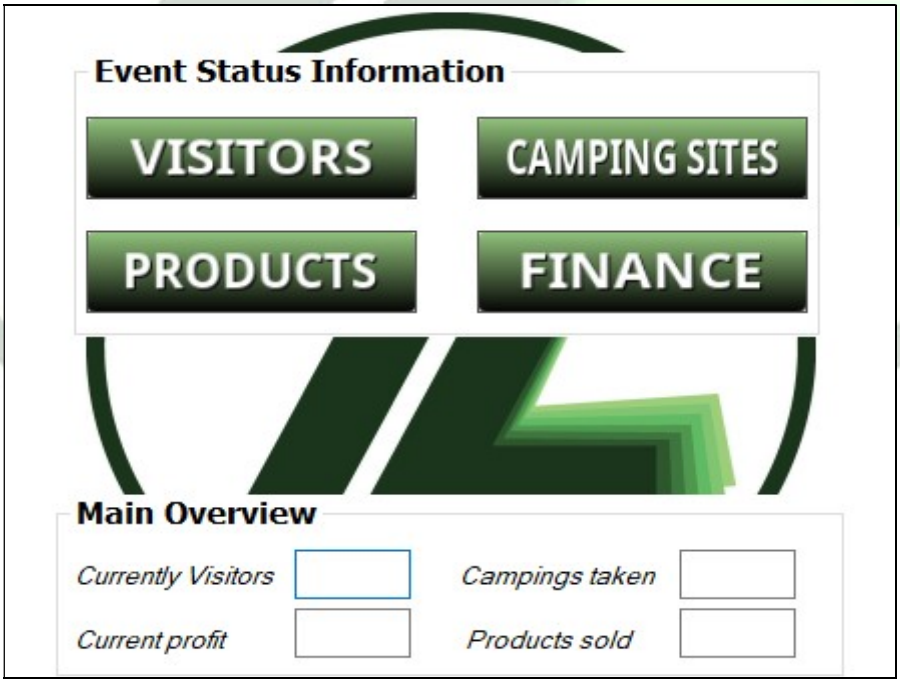


4.6 ATM Log Reader Application



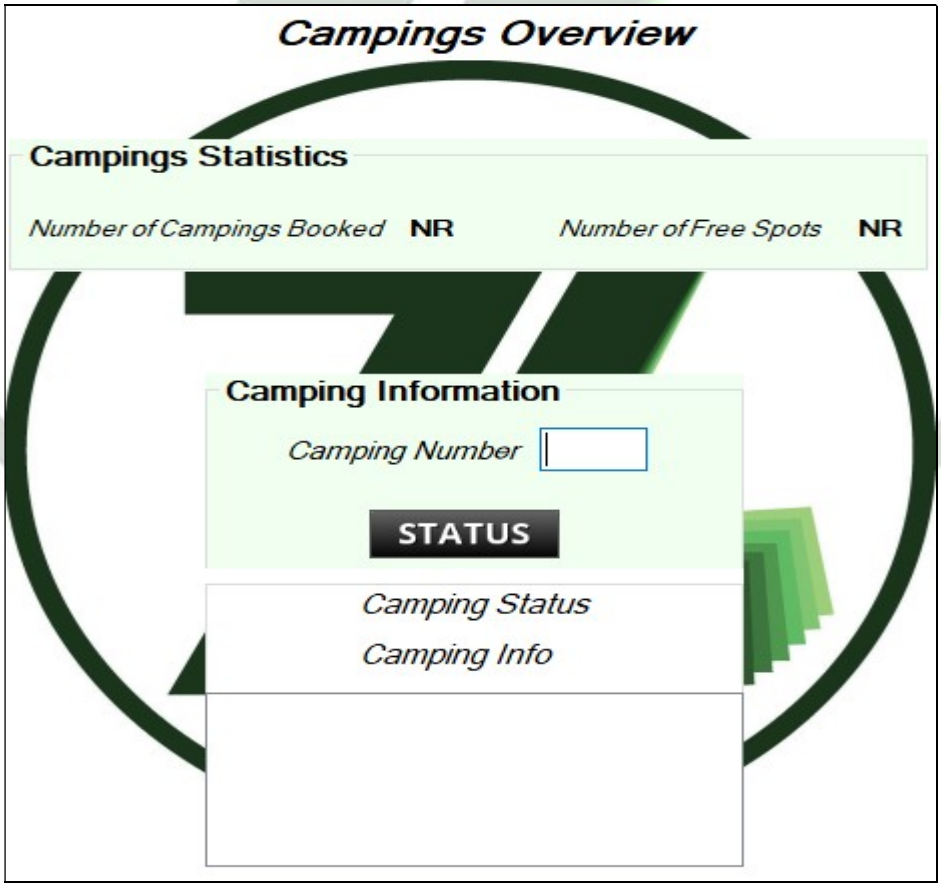
4.7 Admin Panel

Main Admin Panel



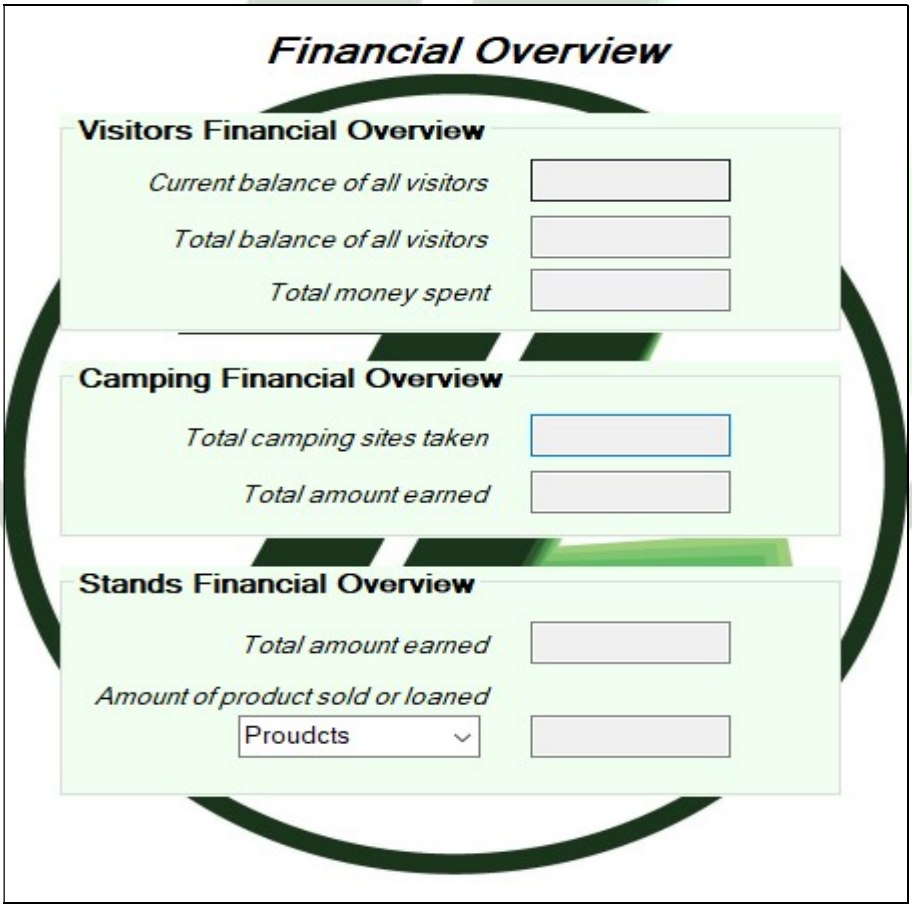
Visitors Overview

Camping Sites Overview



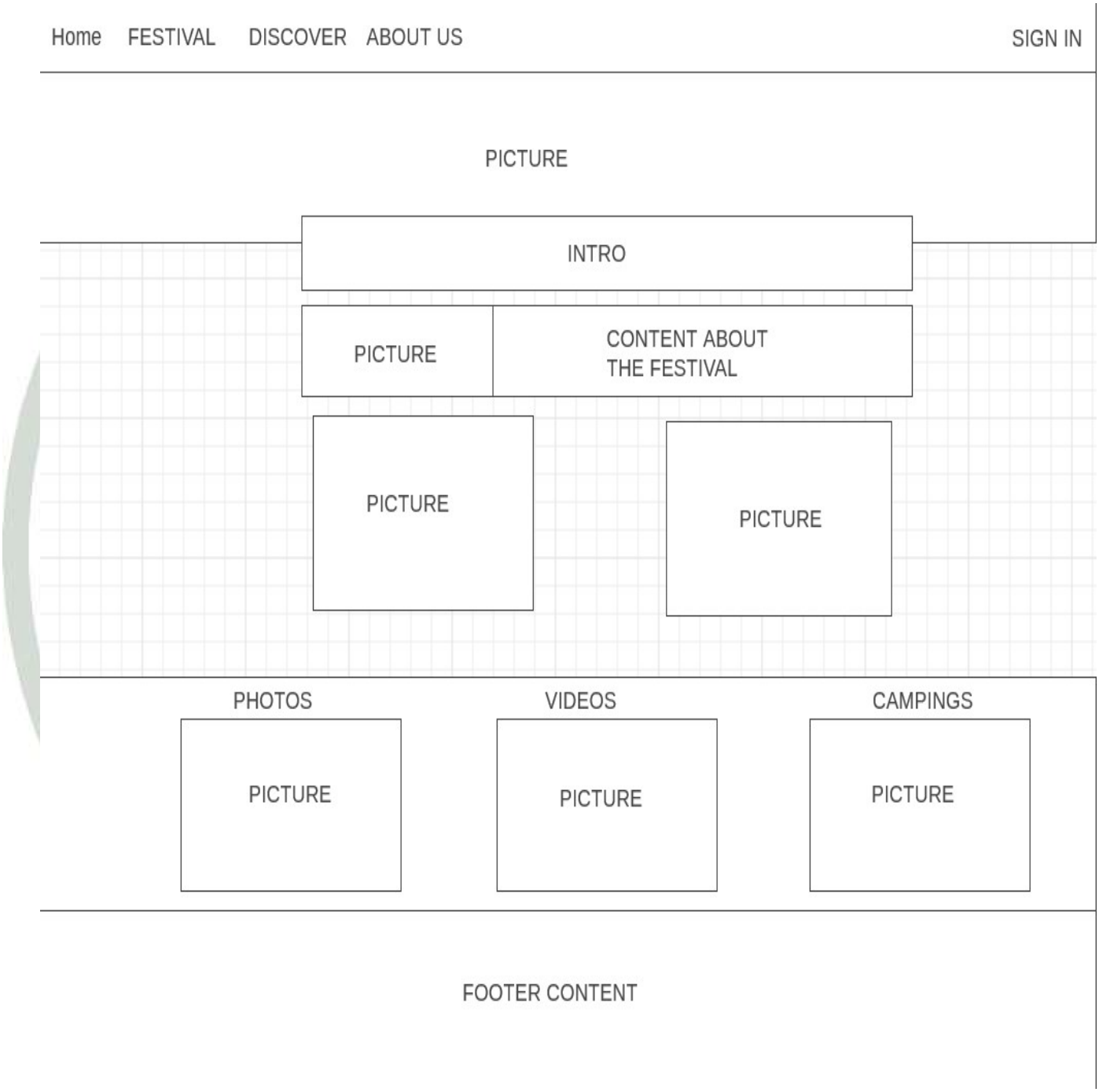
Products Overview

Financial Overview



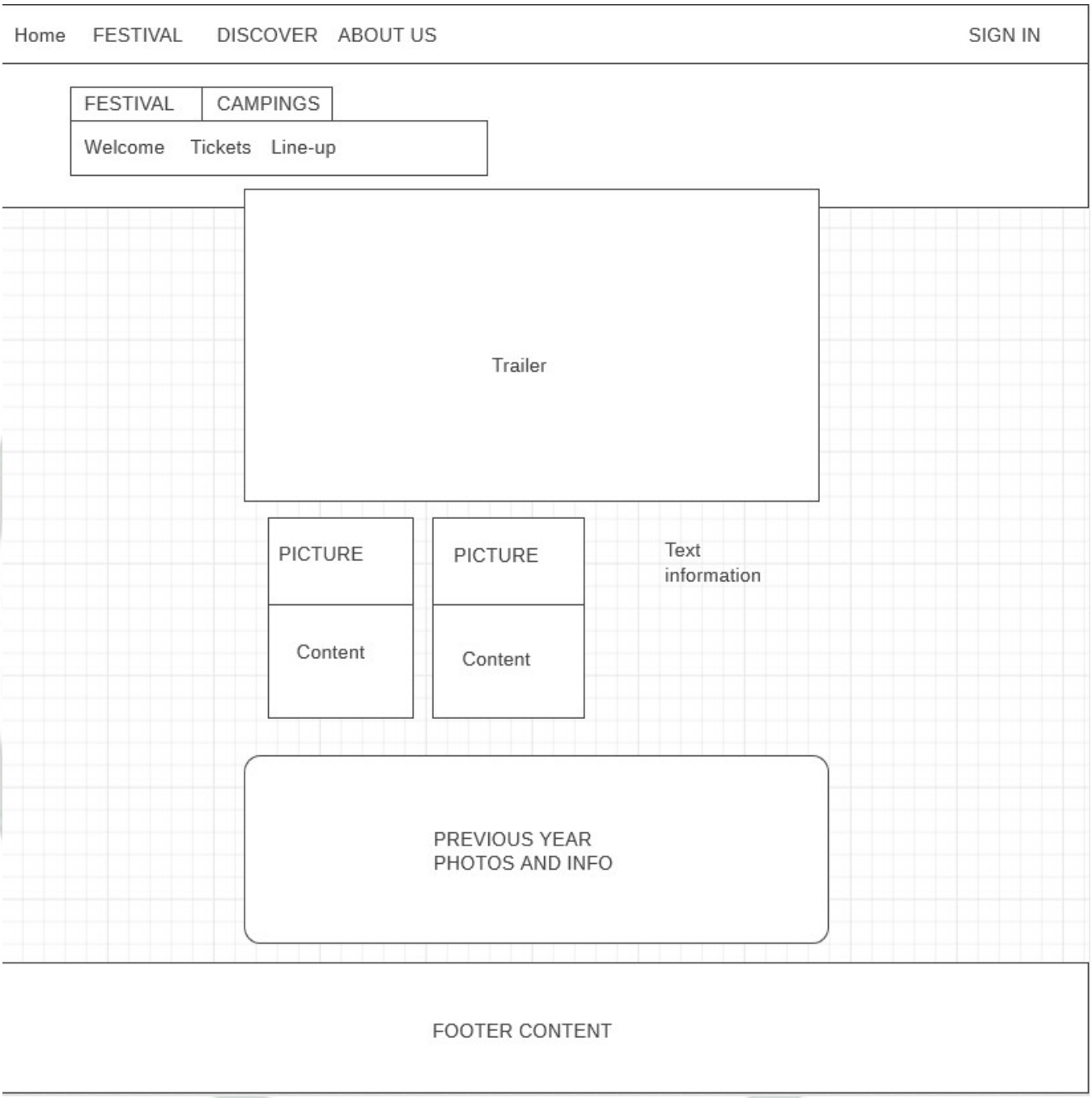
5 Website Wireframe

Home Page

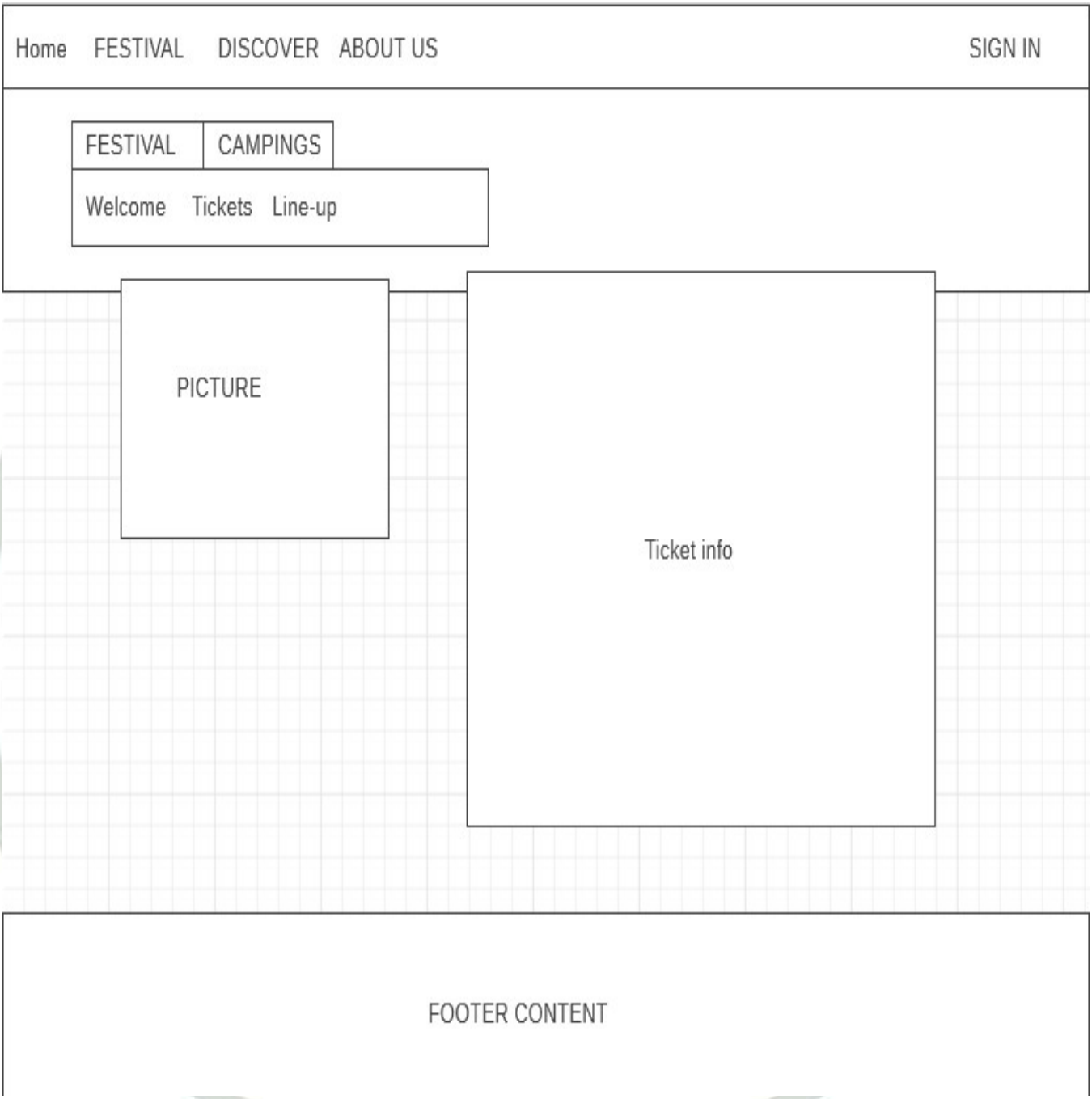


FESTIVAL PAGE

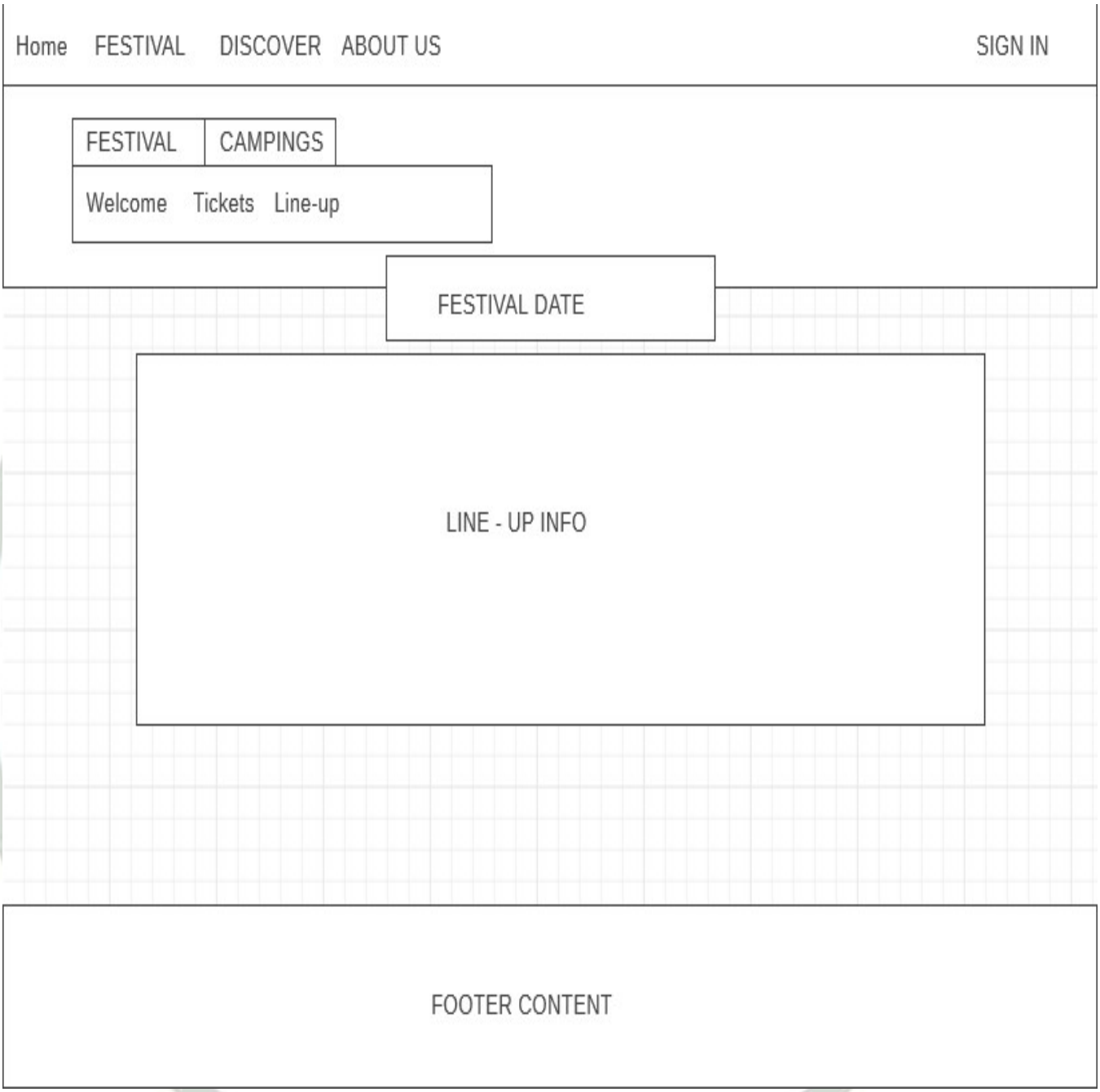
FESTIVAL - Welcome



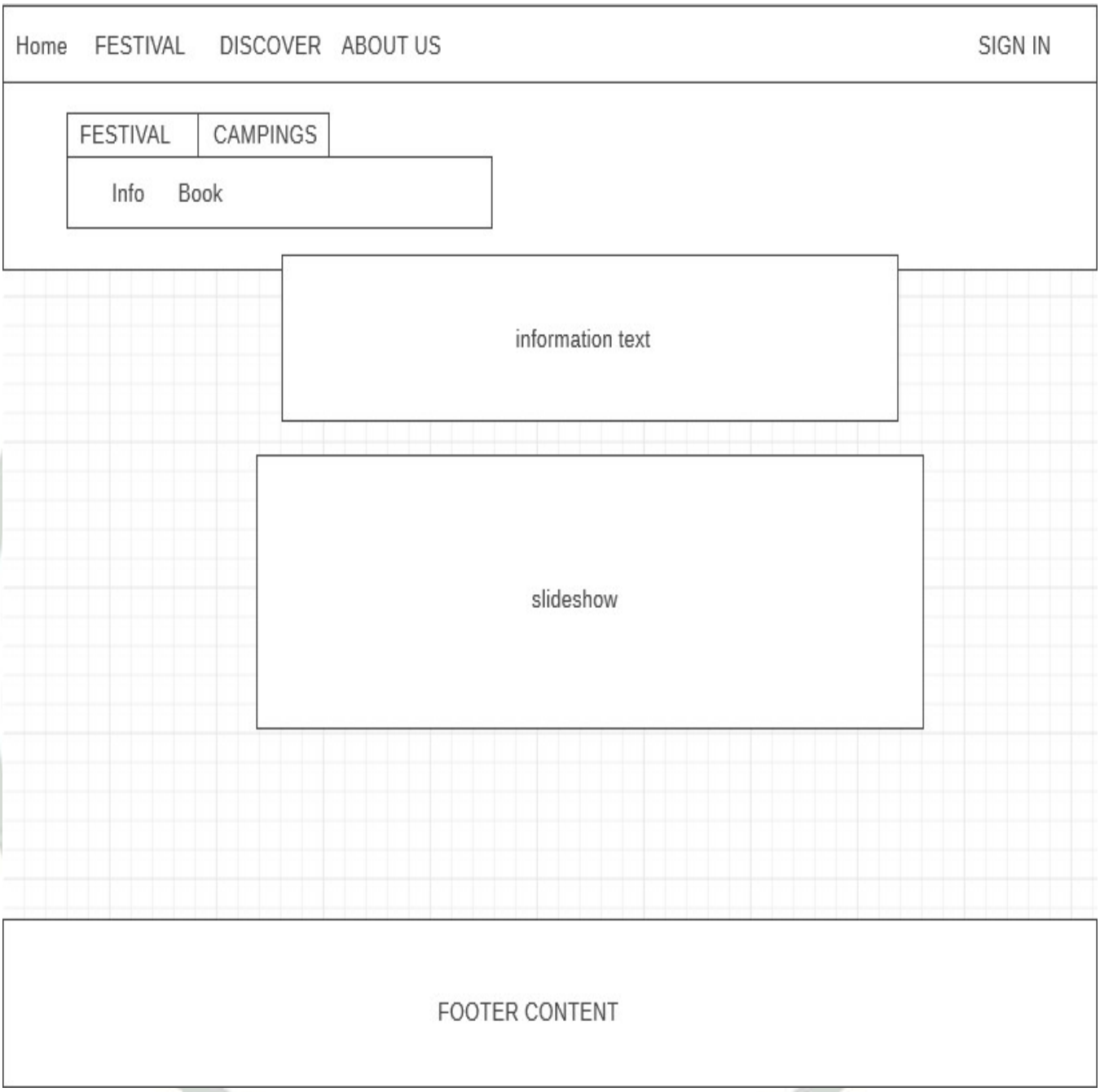
FESTIVAL-Tickets



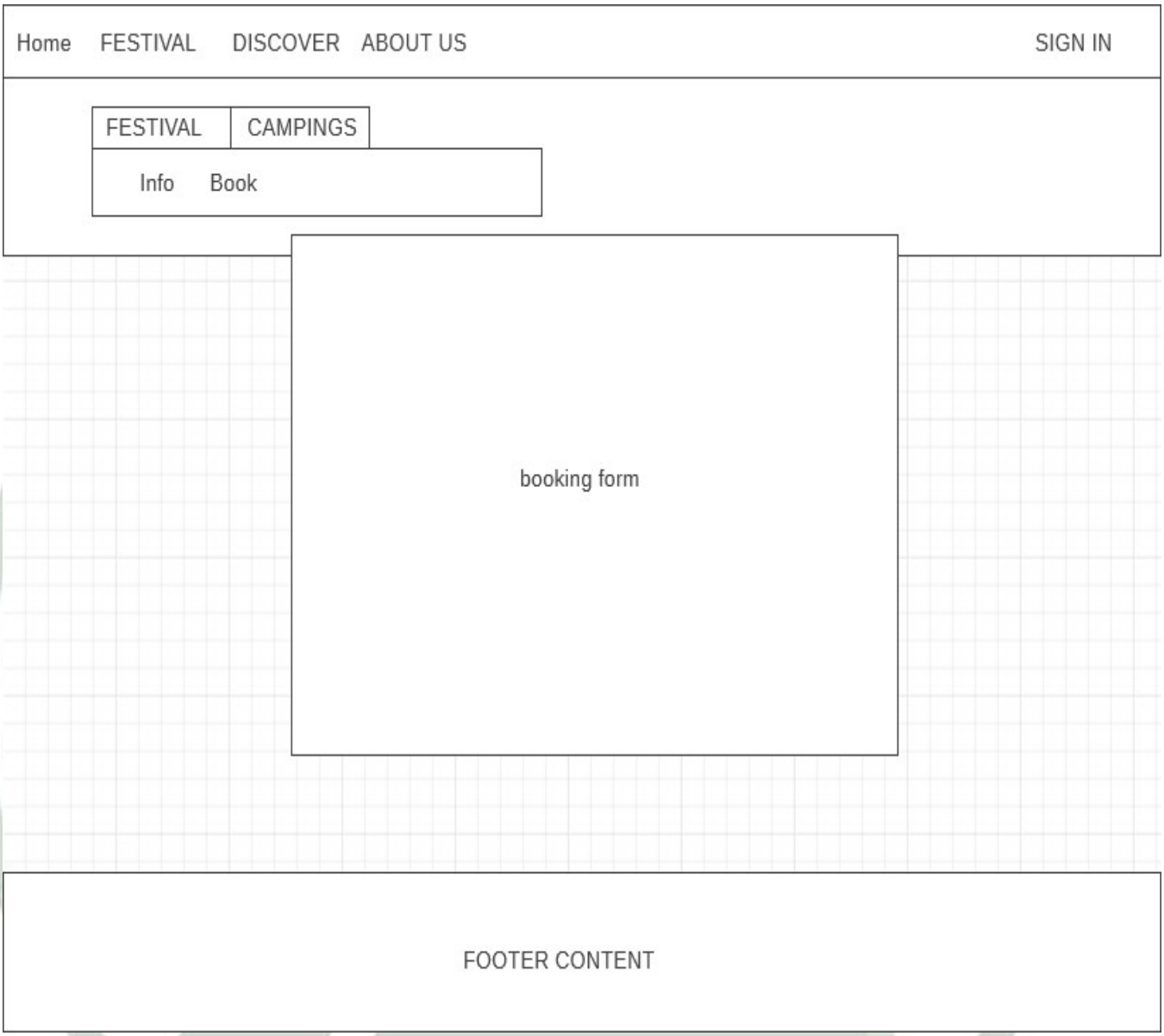
FESTIVAL-Line-up



CAMPINGS-Info

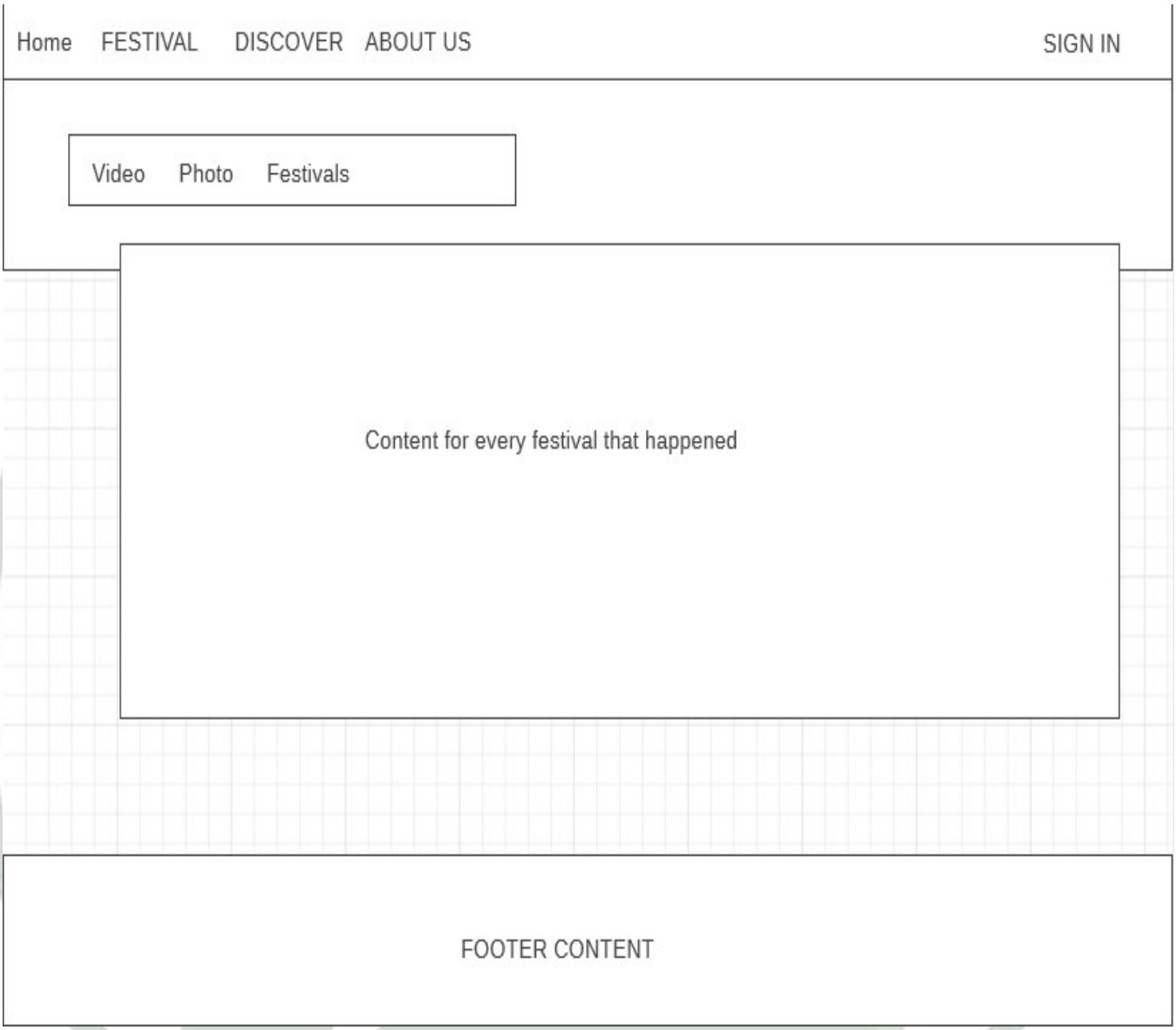


CAMPINGS-Book

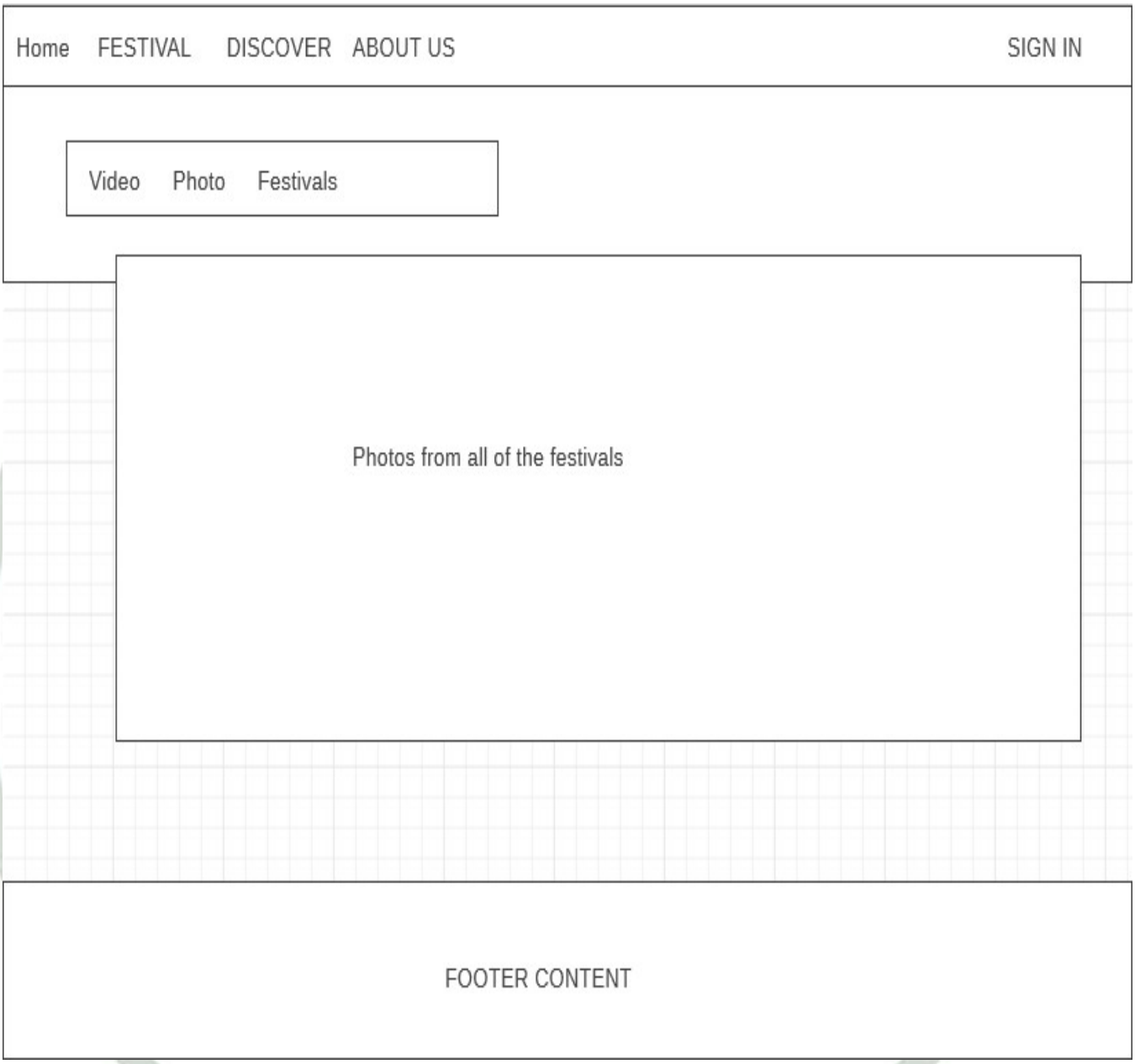


DISCOVER PAGE

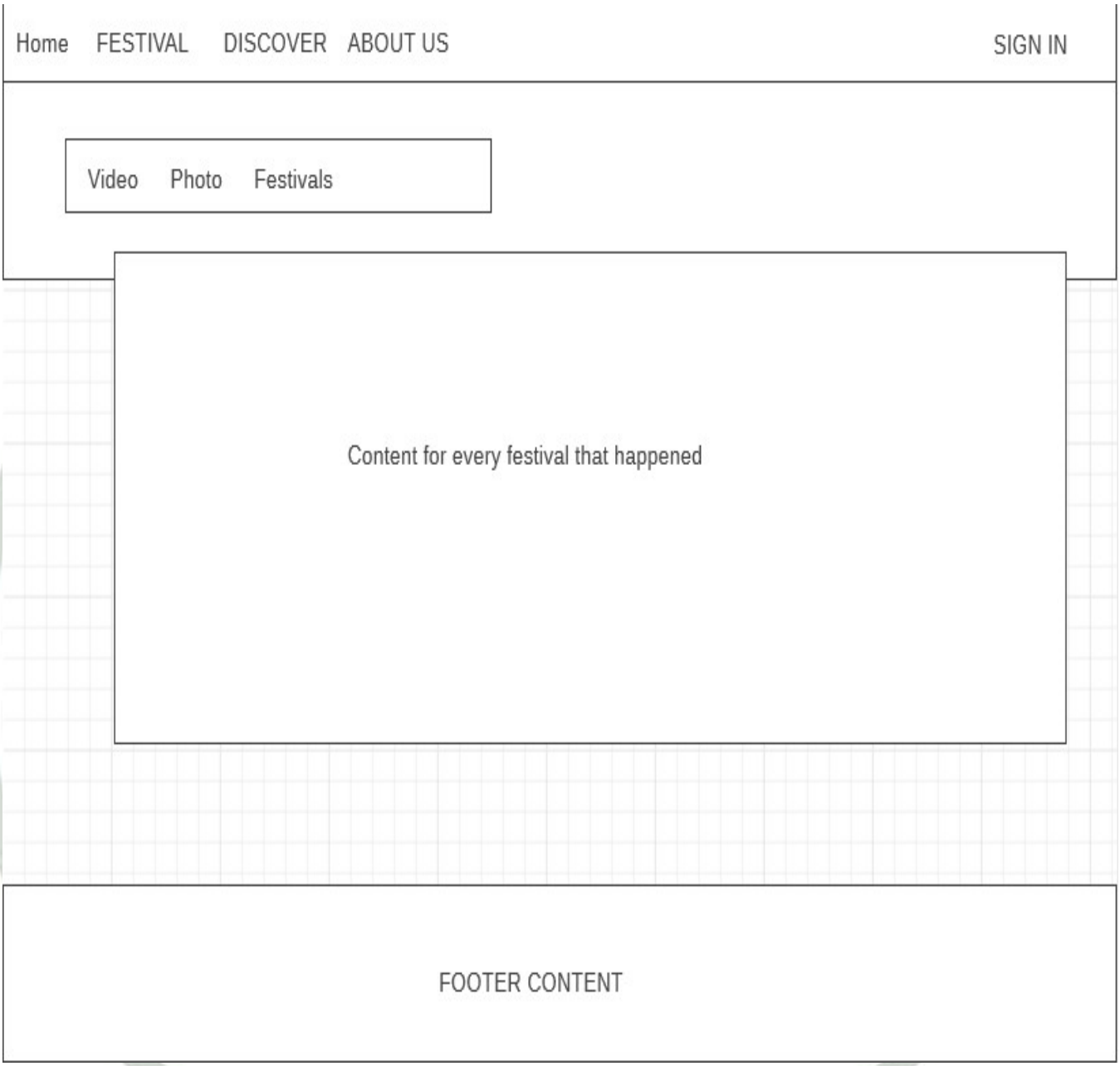
Video



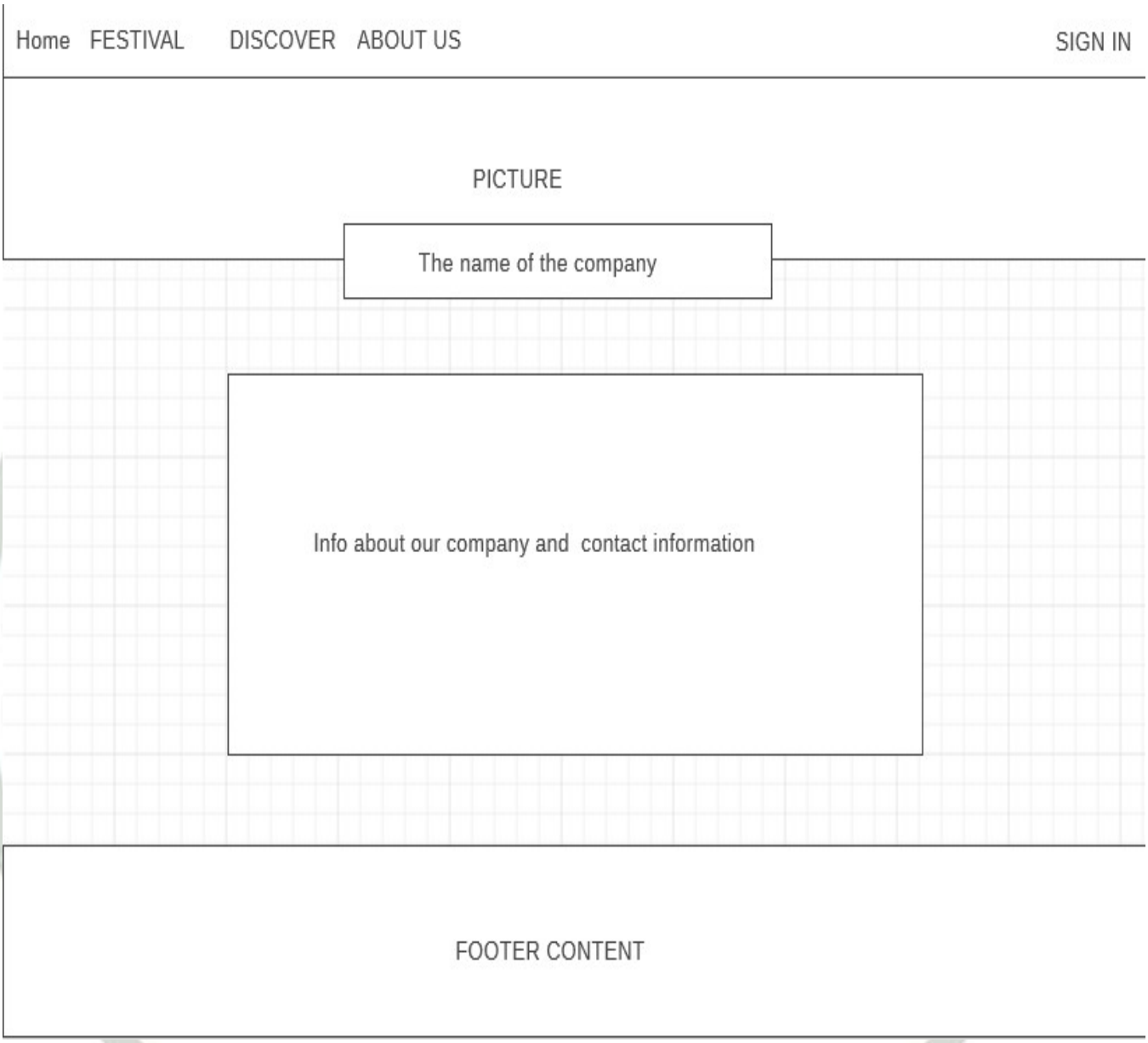
Photo


Home
FESTIVAL
DISCOVER
ABOUT US
SIGN IN
Video
Photo
Festivals
Photos from all of the festivals
FOOTER CONTENT

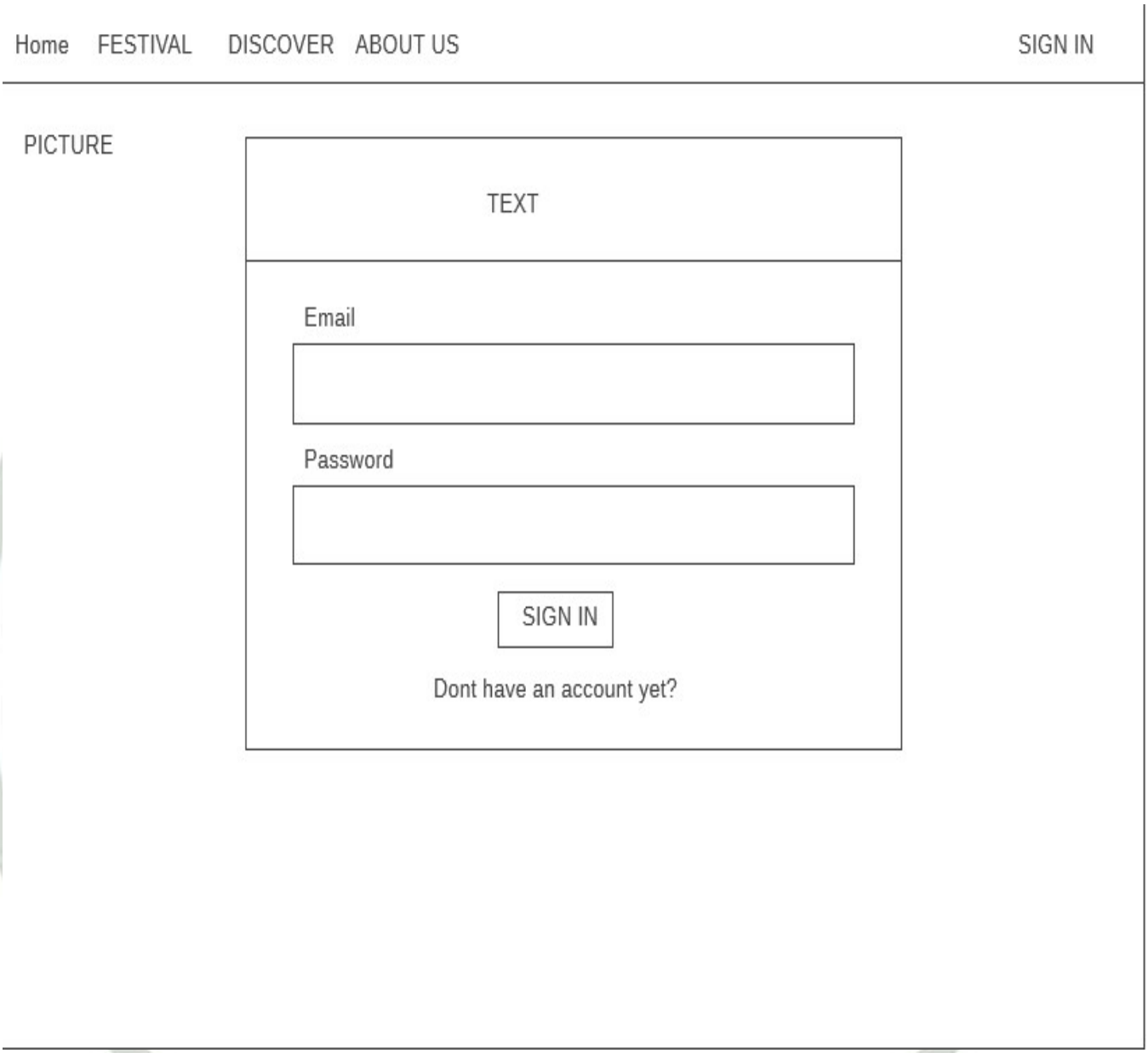
Festivals


Home FESTIVAL DISCOVER ABOUT US SIGN IN
Video Photo Festivals
Content for every festival that happened
FOOTER CONTENT

ABOUT US PAGE

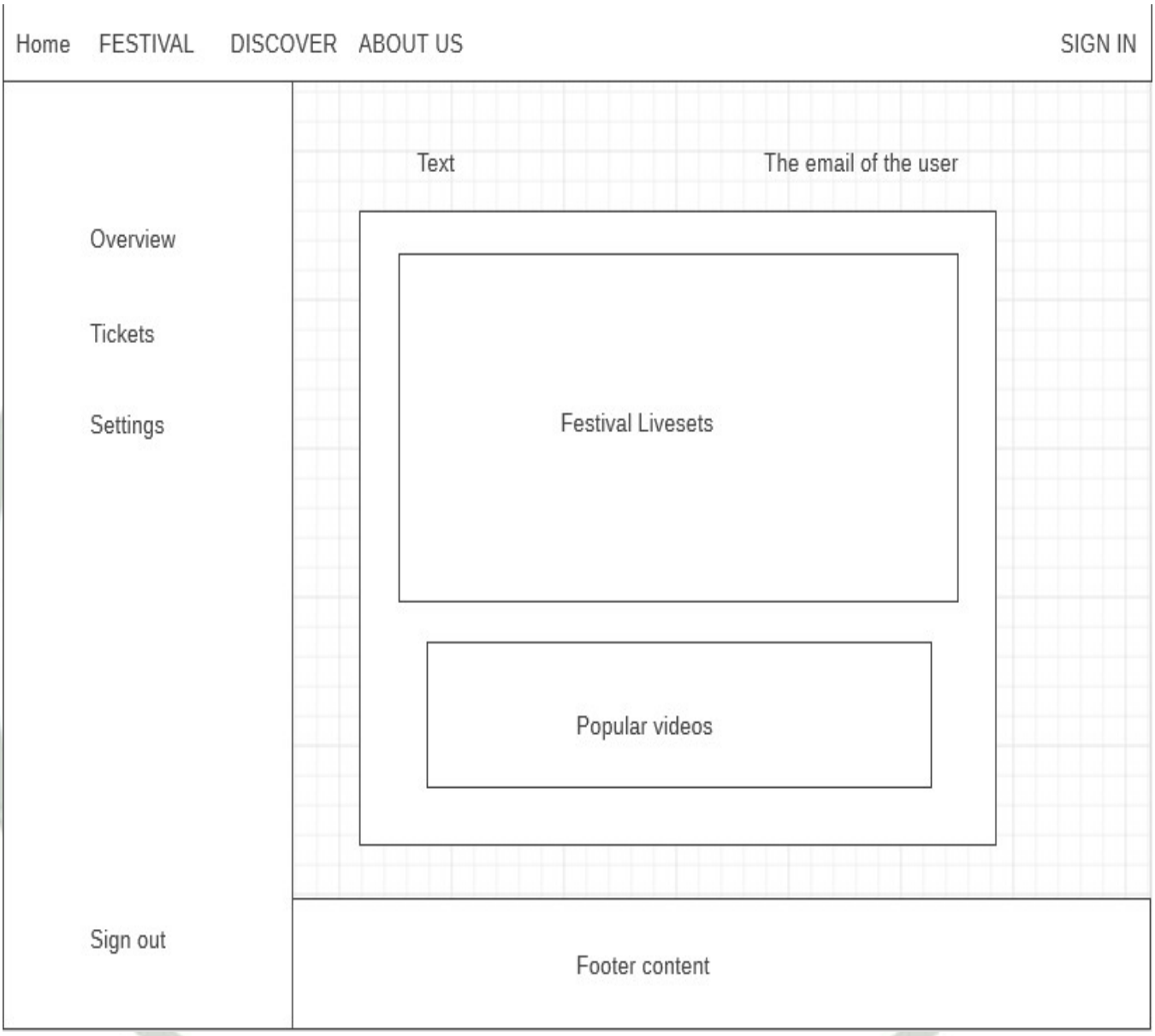


SIGN IN PAGE

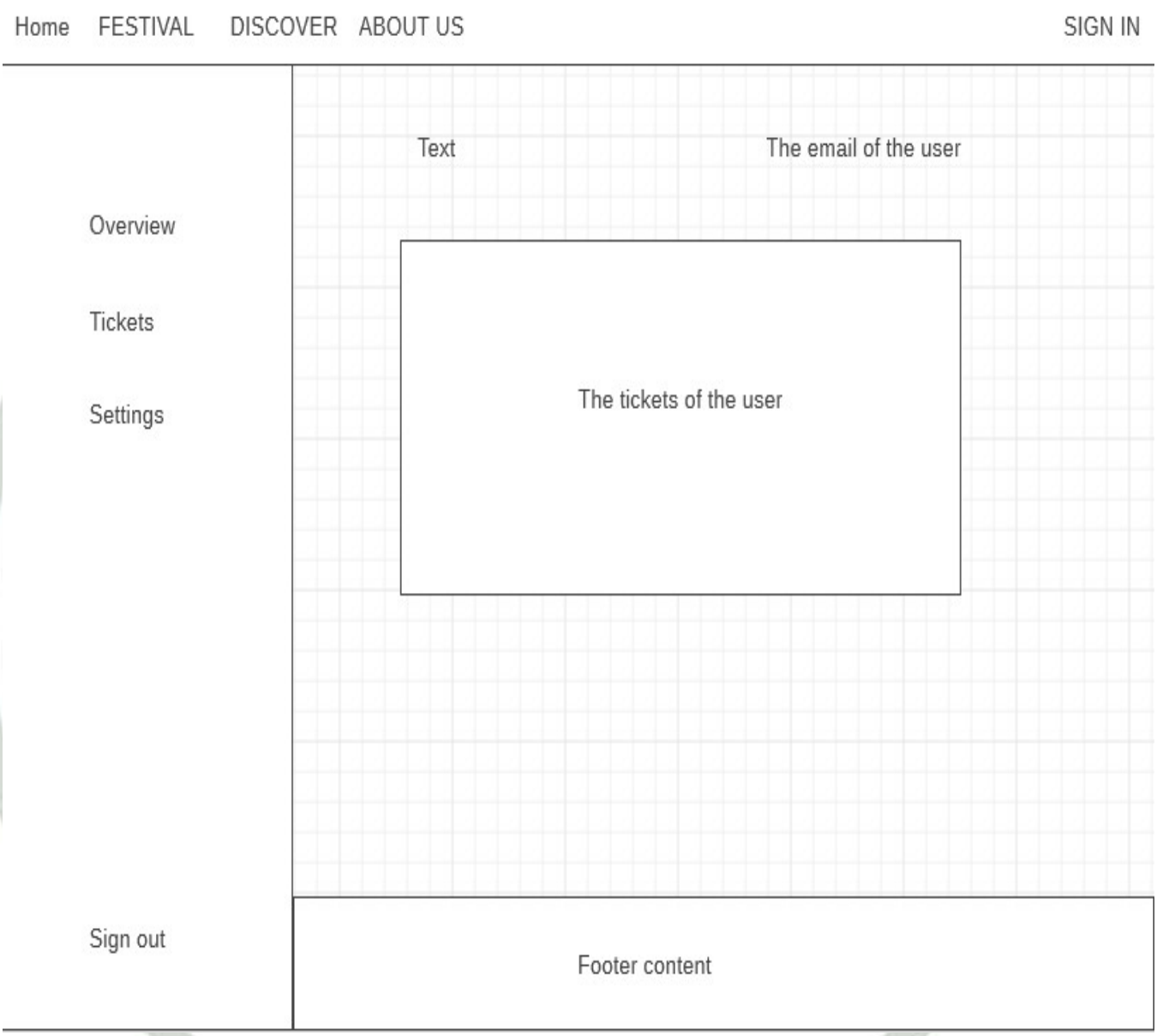

Home
FESTIVAL
DISCOVER
ABOUT US
SIGN IN
PICTURE
TEXT
Email
Password
SIGN IN
Dont have an account yet?

Account Page

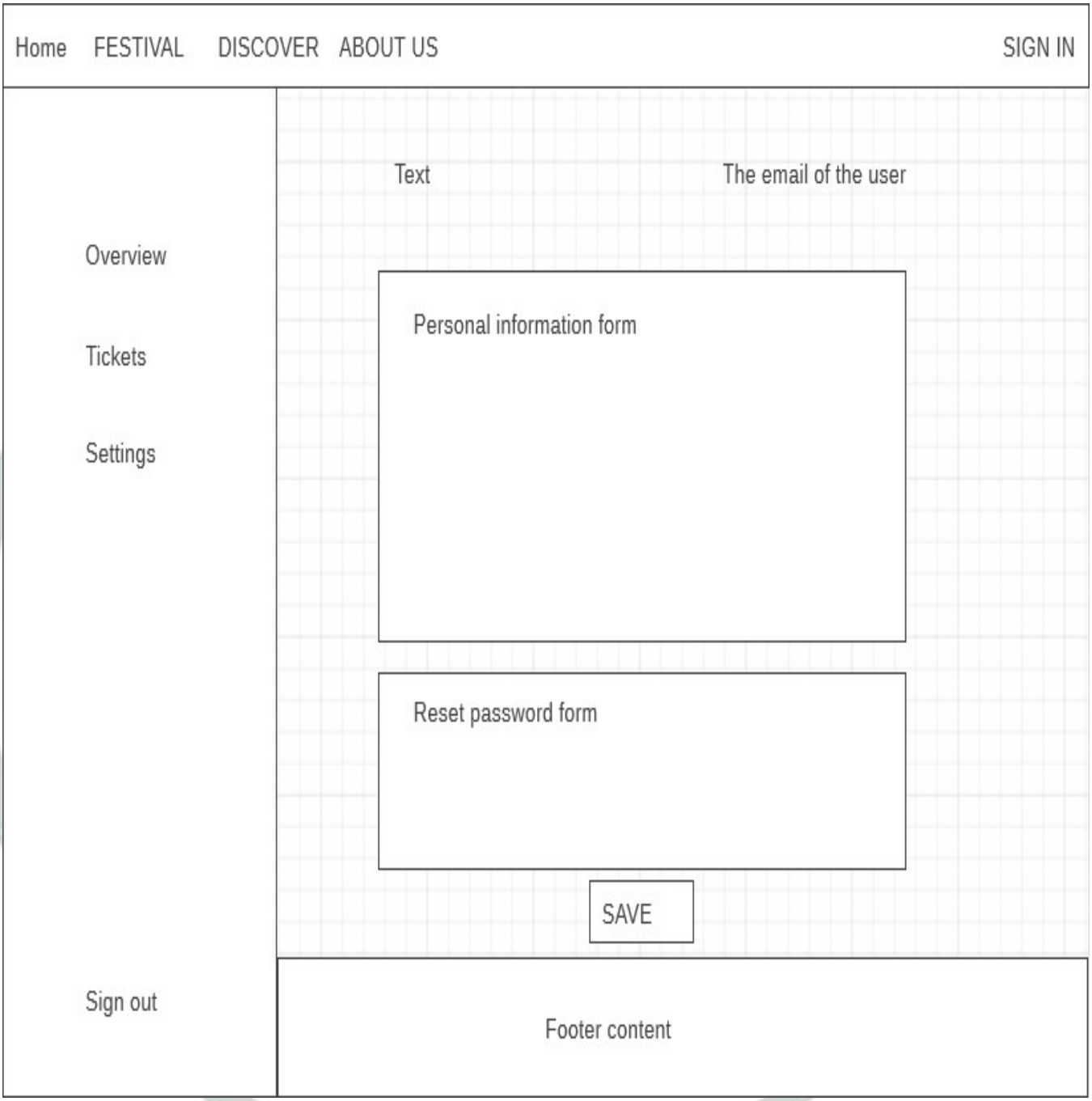
Account Overview



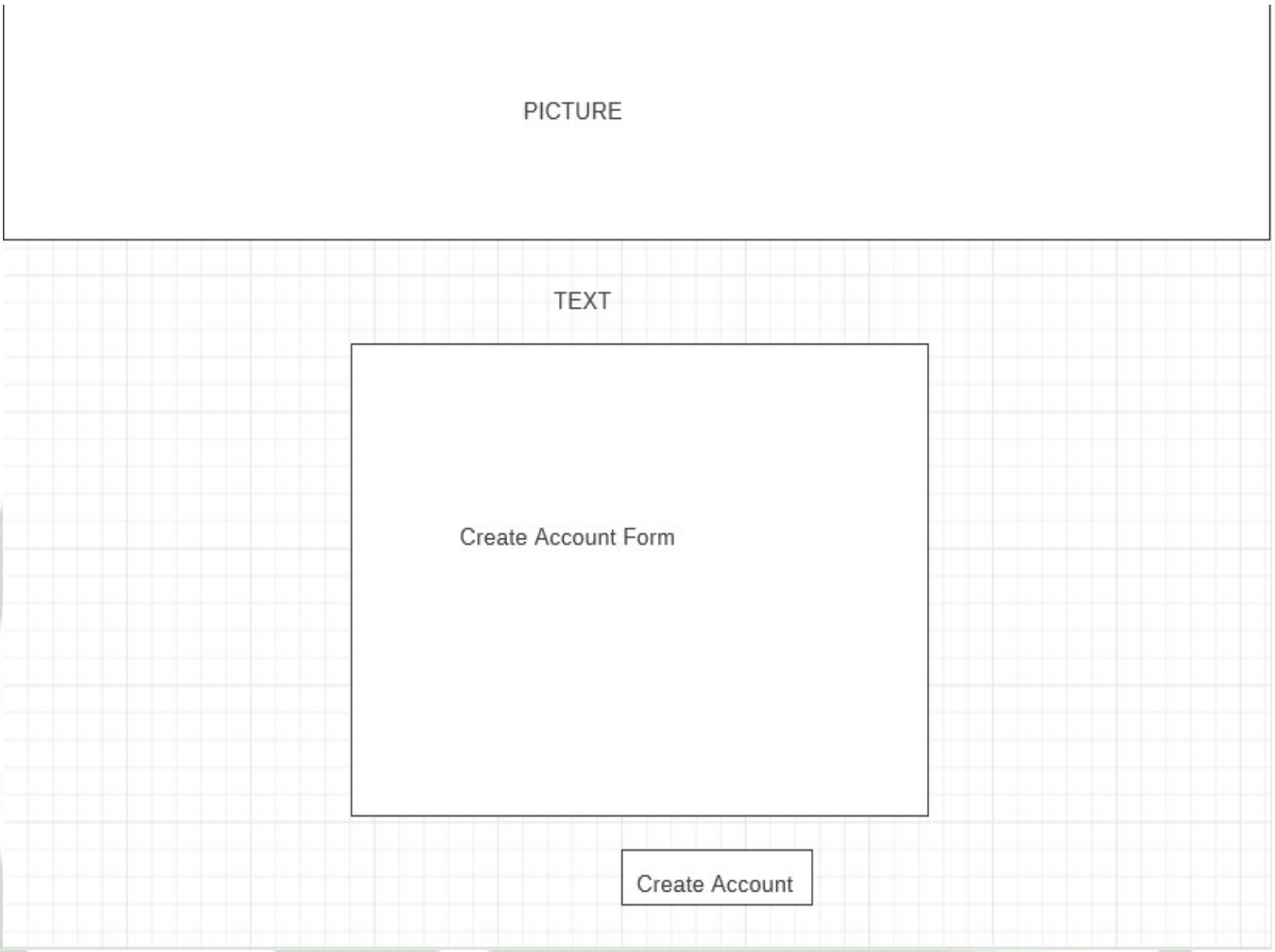
Account Tickets



Account Settings

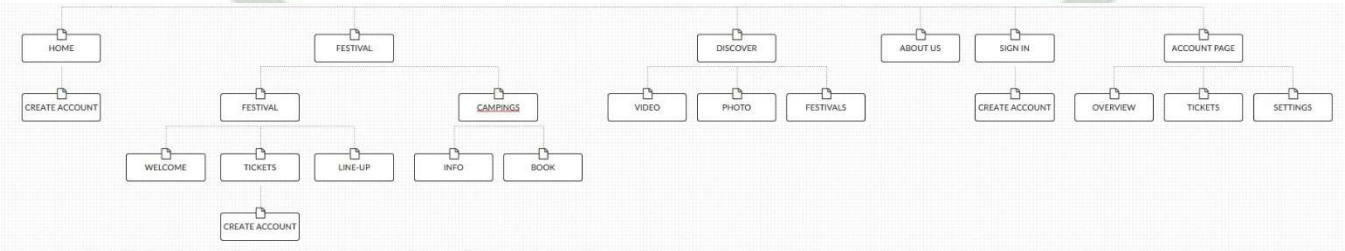


Create Account Page

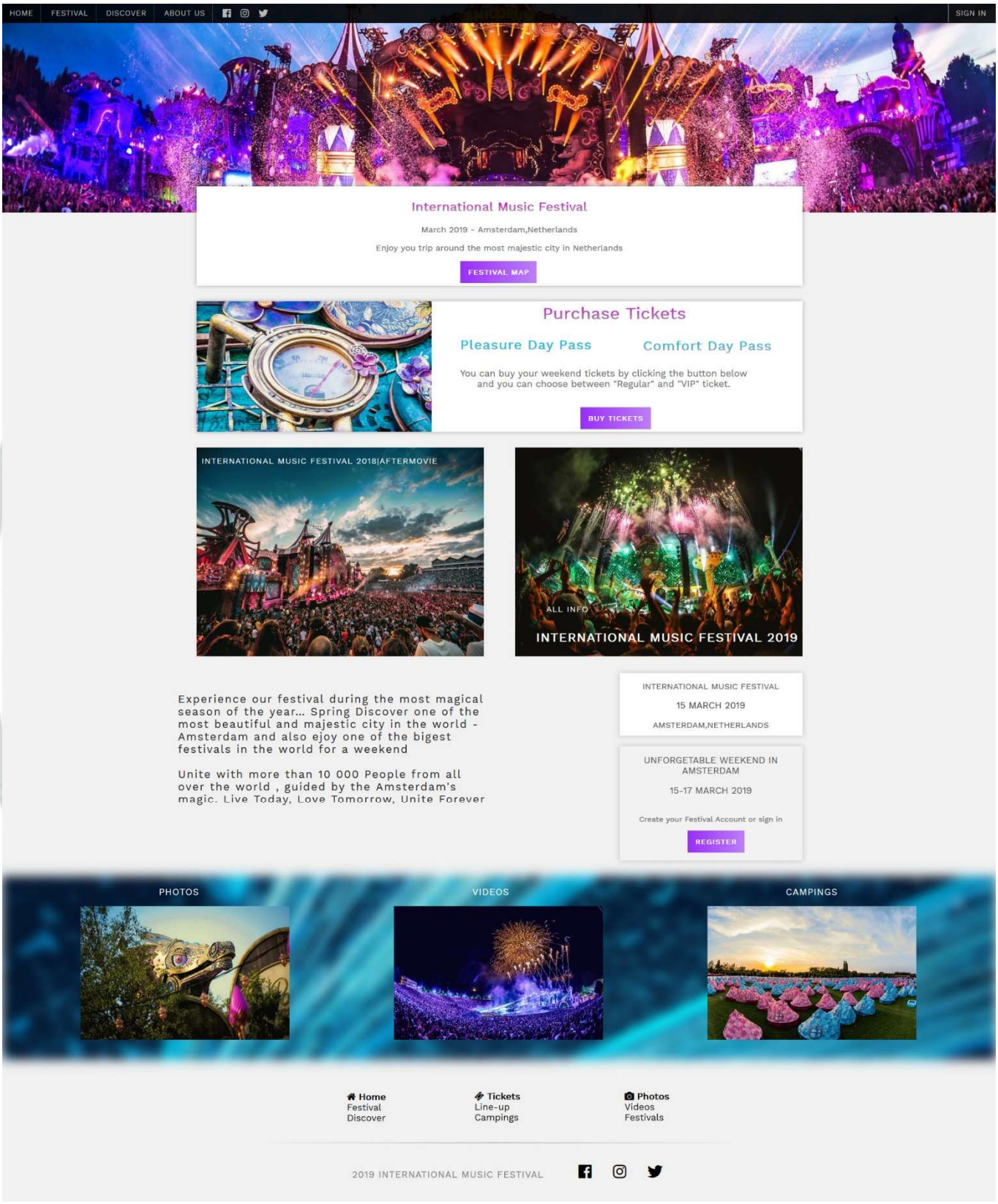


5.1 Visual Design and Site Map:

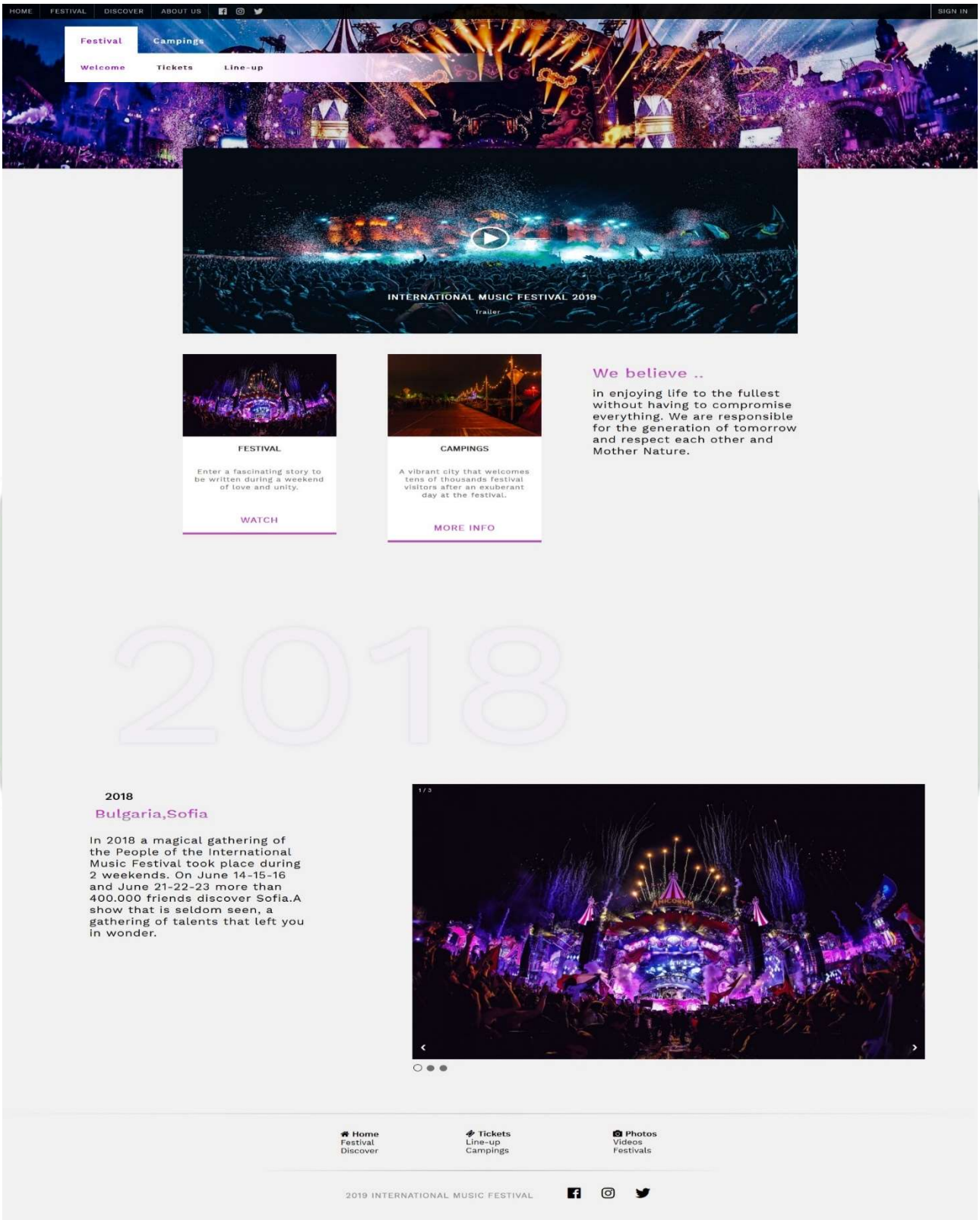
SITE MAP



HOME PAGE


HOME
FESTIVAL
DISCOVER
ABOUT US
SIGN IN
International Music Festival
March 2019 - Amsterdam,Netherlands
Enjoy you trip around the most majestic city in Netherlands
FESTIVAL MAP
Purchase Tickets
Pleasure Day Pass
Comfort Day Pass
You can buy your weekend tickets by clicking the button below and you can choose between "Regular" and "VIP" ticket.
BUY TICKETS
INTERNATIONAL MUSIC FESTIVAL 2018|AFTERMOVIE
ALL INFO
INTERNATIONAL MUSIC FESTIVAL 2019
Experience our festival during the most magical season of the year... Spring Discover one of the most beautiful and majestic city in the world - Amsterdam and also ejoy one of the bigest festivals in the world for a weekend
Unite with more than 10 000 People from all over the world , guided by the Amsterdam's magic. Live Today, Love Tomorrow, Unite Forever
INTERNATIONAL MUSIC FESTIVAL
15 MARCH 2019
AMSTERDAM,NETHERLANDS
UNFORGETABLE WEEKEND IN AMSTERDAM
15-17 MARCH 2019
Create your Festival Account or sign in
REGISTER
PHOTOS
VIDEOS
CAMPINGS
Home
Festival
Discover
Tickets
Line-up
Campings
Photos
Videos
Festivals
2019 INTERNATIONAL MUSIC FESTIVAL

Festival


HOME
FESTIVAL
DISCOVER
ABOUT US
SIGN IN
Festival
Campings
Welcome
Tickets
Line-up
INTERNATIONAL MUSIC FESTIVAL 2019
Trailer
FESTIVAL
Enter a fascinating story to be written during a weekend of love and unity.
WATCH
CAMPINGS
A vibrant city that welcomes tens of thousands festival visitors after an exuberant day at the festival.
MORE INFO
We believe ..
in enjoying life to the fullest without having to compromise everything. We are responsible for the generation of tomorrow and respect each other and Mother Nature.
2018
2018
Bulgaria,Sofia
In 2018 a magical gathering of the People of the International Music Festival took place during 2 weekends. On June 14-15-16 and June 21-22-23 more than 400.000 friends discover Sofia.A show that is seldom seen, a gathering of talents that left you in wonder.
1 / 3
Home
Festival
Discover
Tickets
Line-up
Campings
Photos
Videos
Festivals
2019 INTERNATIONAL MUSIC FESTIVAL

Create Account Page

Your Festival Account

International Festival User Account Registration

By creating a Festival Account, you will stay up-to-date with all related news. You can change your personal settings at any time once signed in to your account.

ACCOUNT DETAILS

EMAIL ADDRES

PASSWORD

CONFIRM PASSWORD

YOUR DETAILS

FIRST NAME

ADDRESS

STREET

NUMBER

POSTAL CODE

CITY

NATIONALITY

MOBILE NUMBER

DATE OF BIRTH

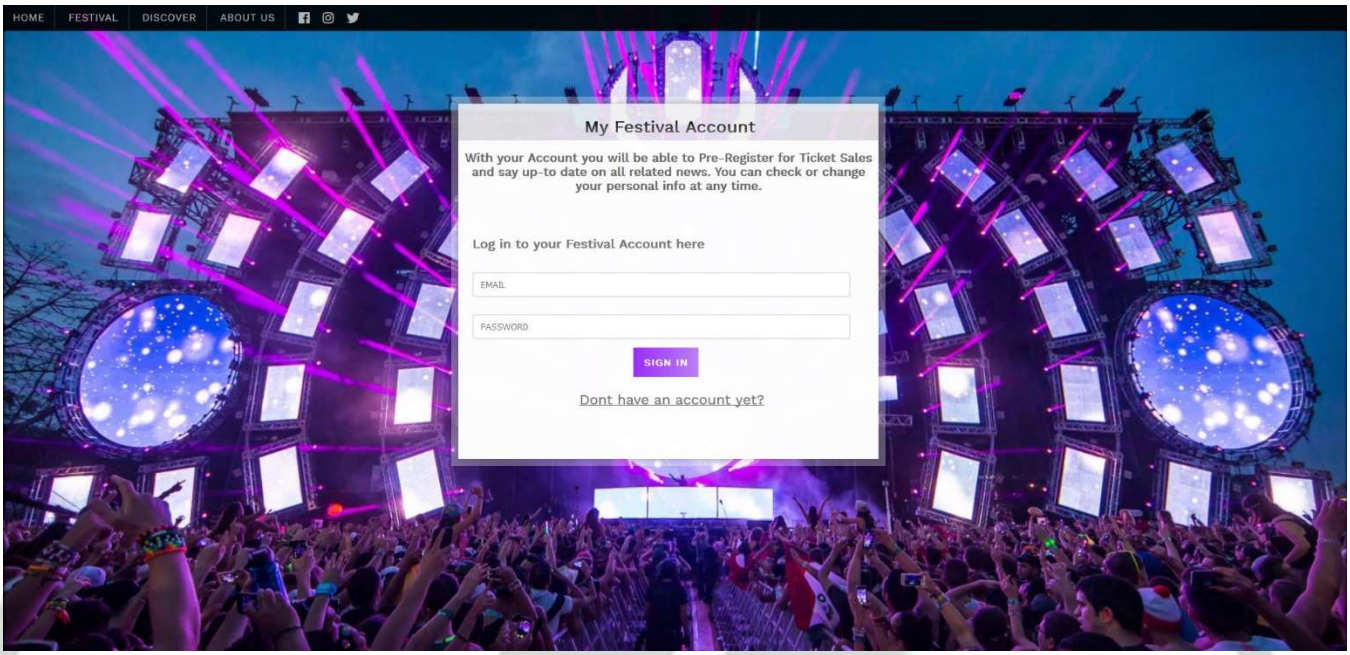
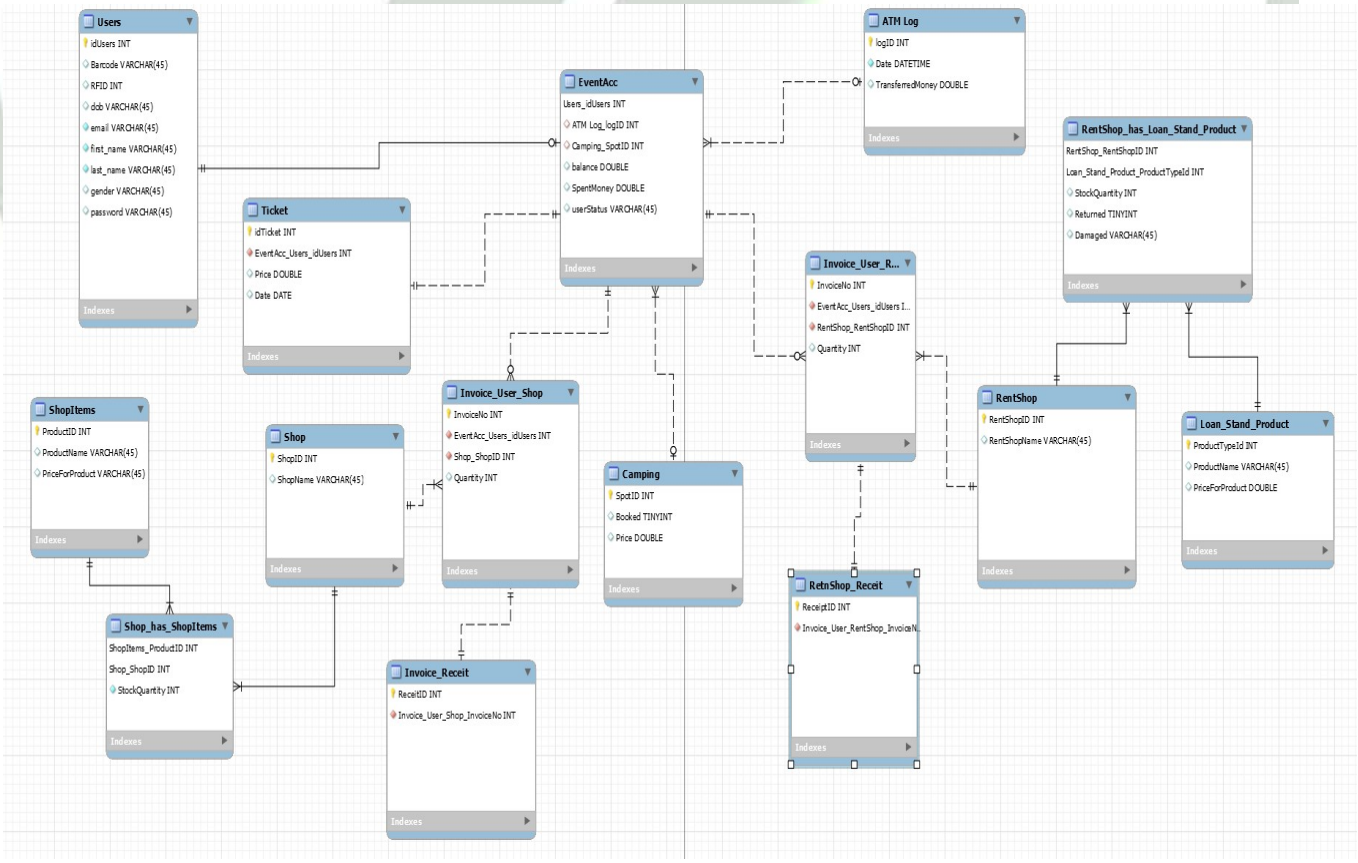
mm / dd / yyyy

GENDER

- Male
- Female
- Other

CREATE ACCOUNT

Sign In



6 ERD Diagram