



SETUP DOCUMENT

Music Festival

Group 25

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- Dylan Muylers

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Client : Jesus Ravelo Sanchez

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1. Agreement

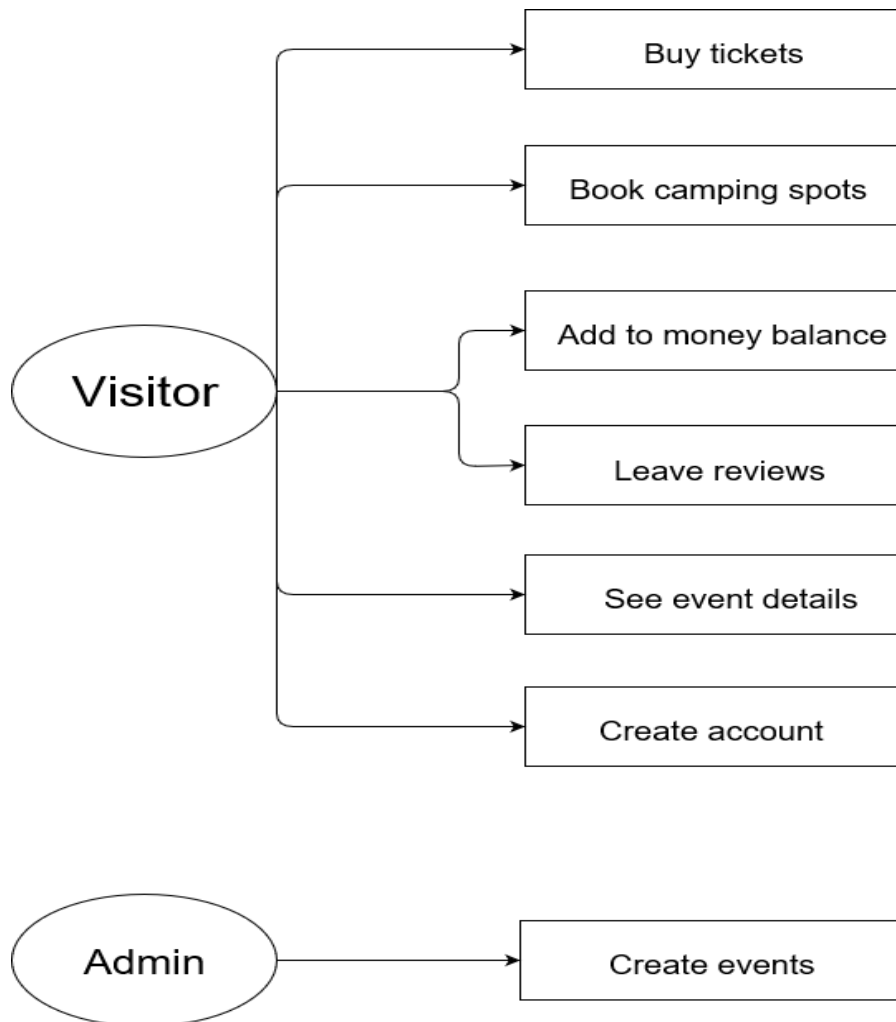
Website:

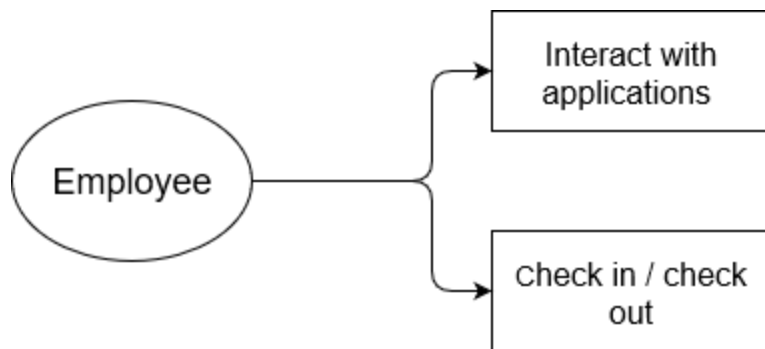
The website should attract visitors for the event. Visitor should be able to get information and reserve tickets through email.

Application:

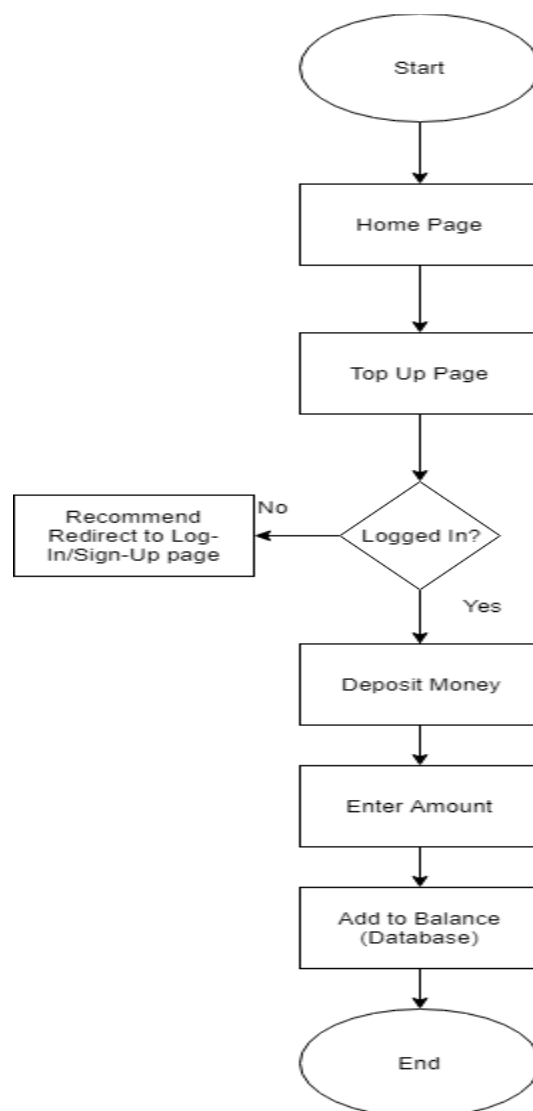
The application should allow participants to top-up their balance. The client will be able to have an overview statistic and live streaming of event through an application.

2. User cases

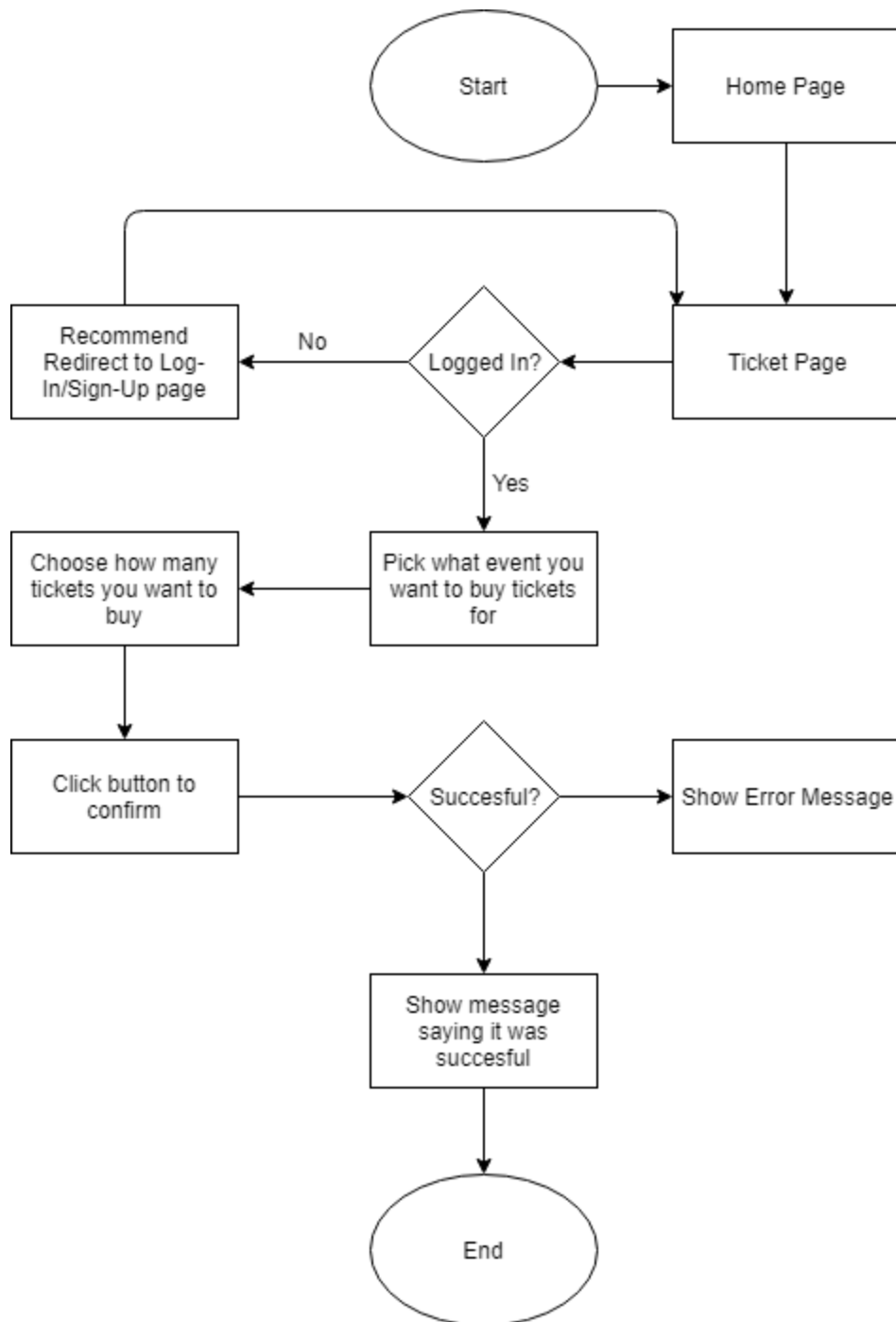




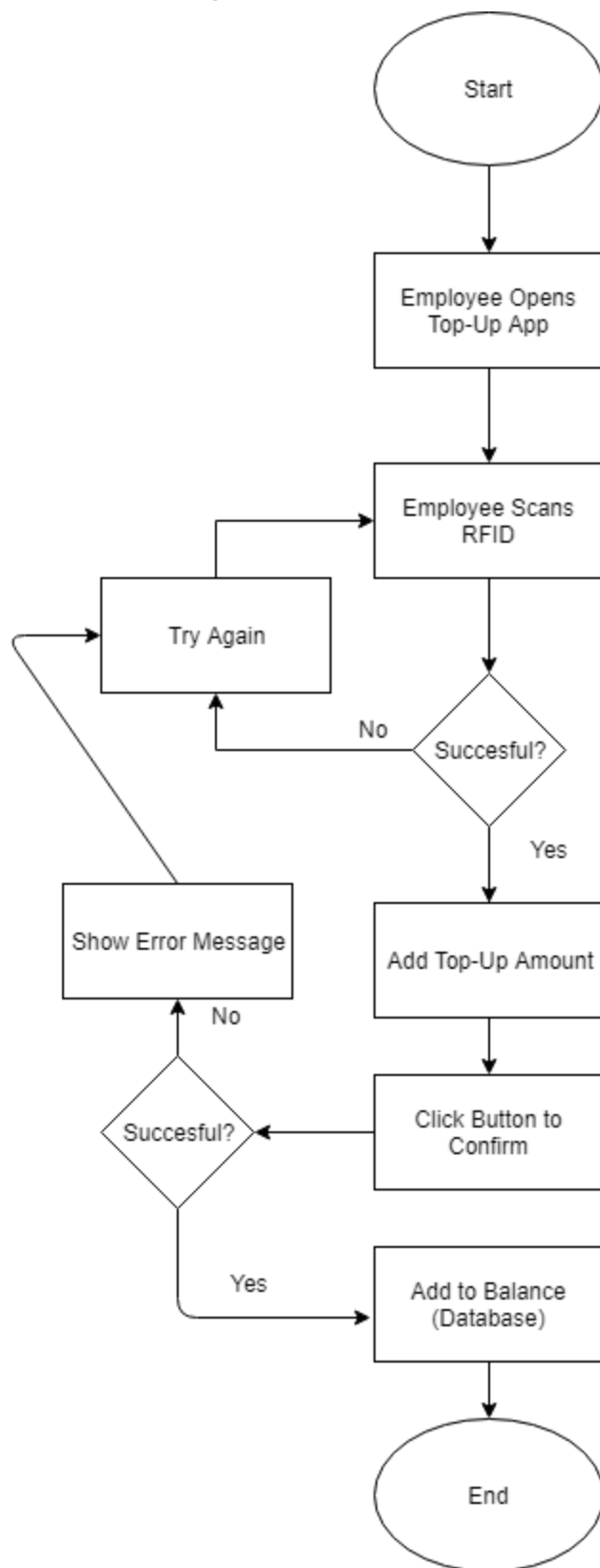
Topping up balance through the website



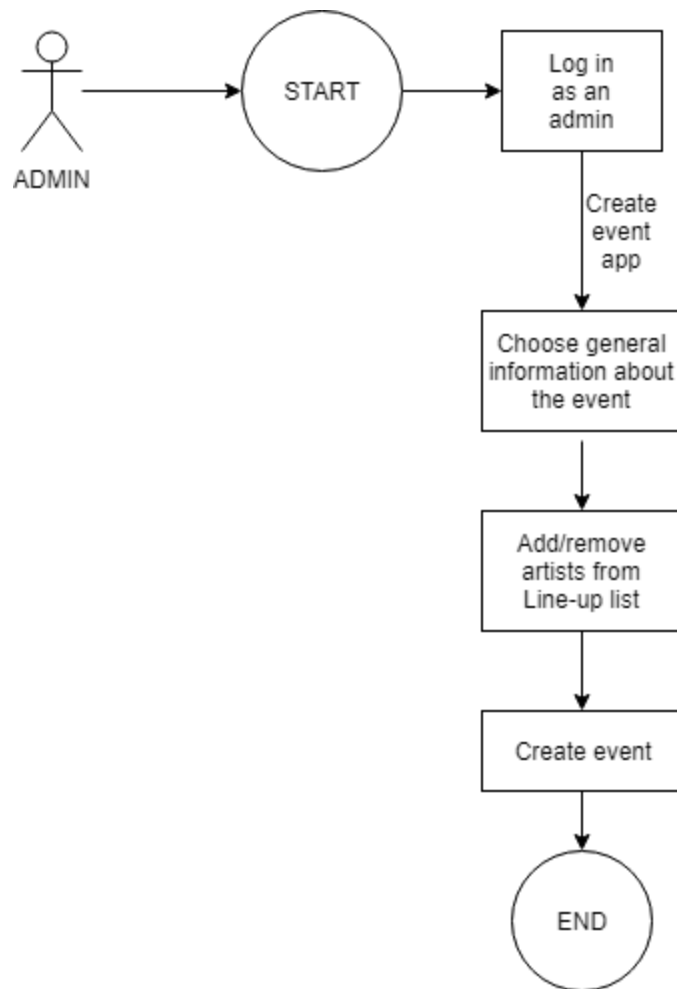
Purchasing Tickets From Website



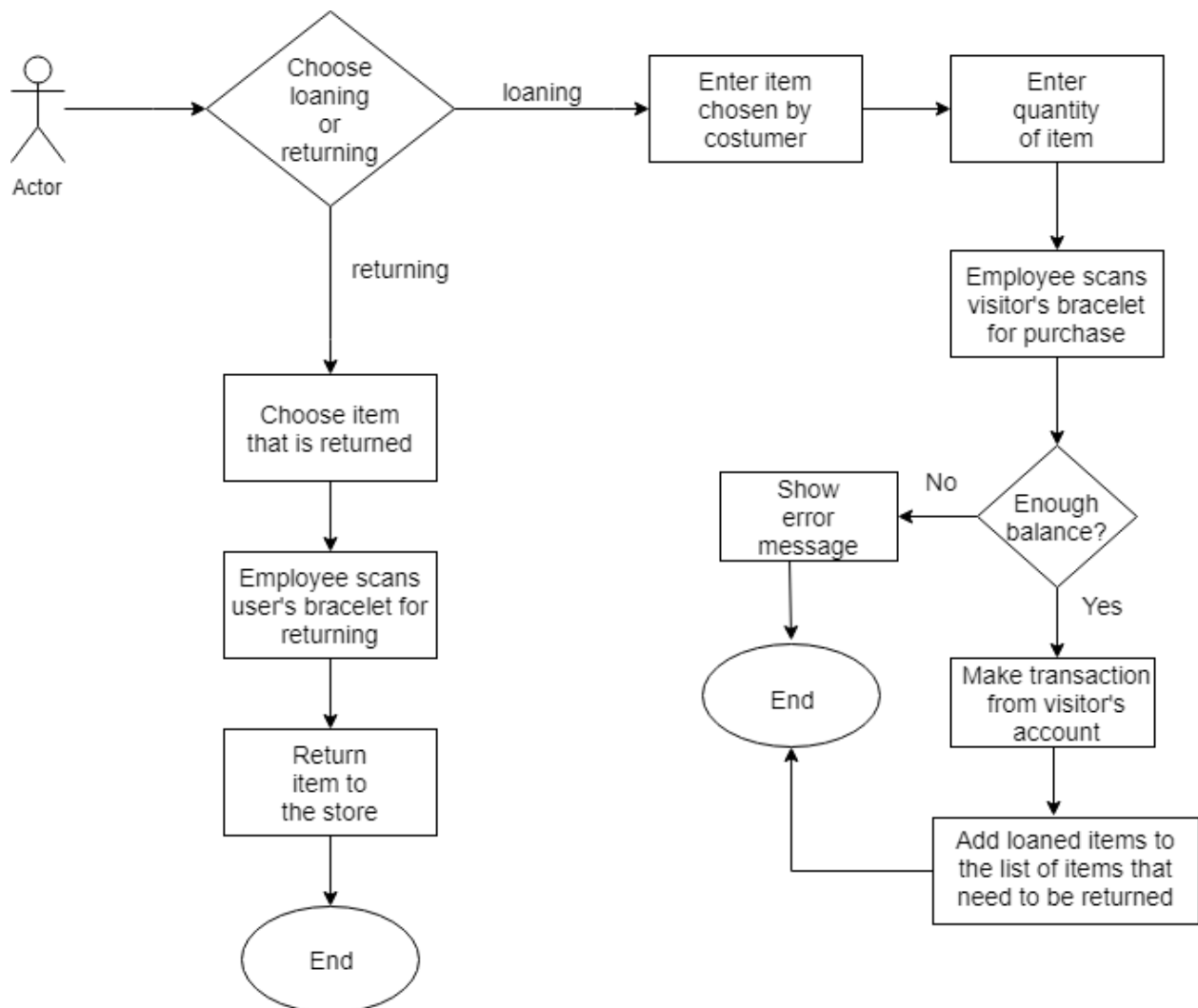
Top up through application



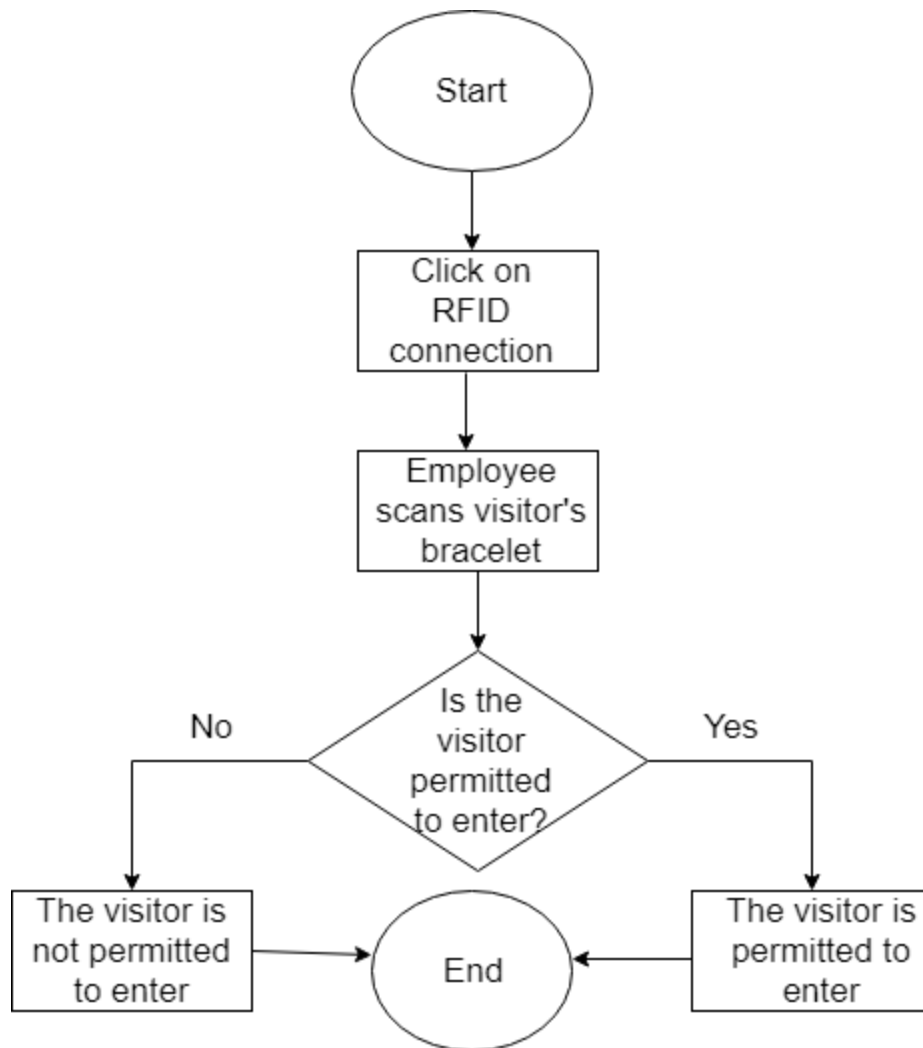
Create Event



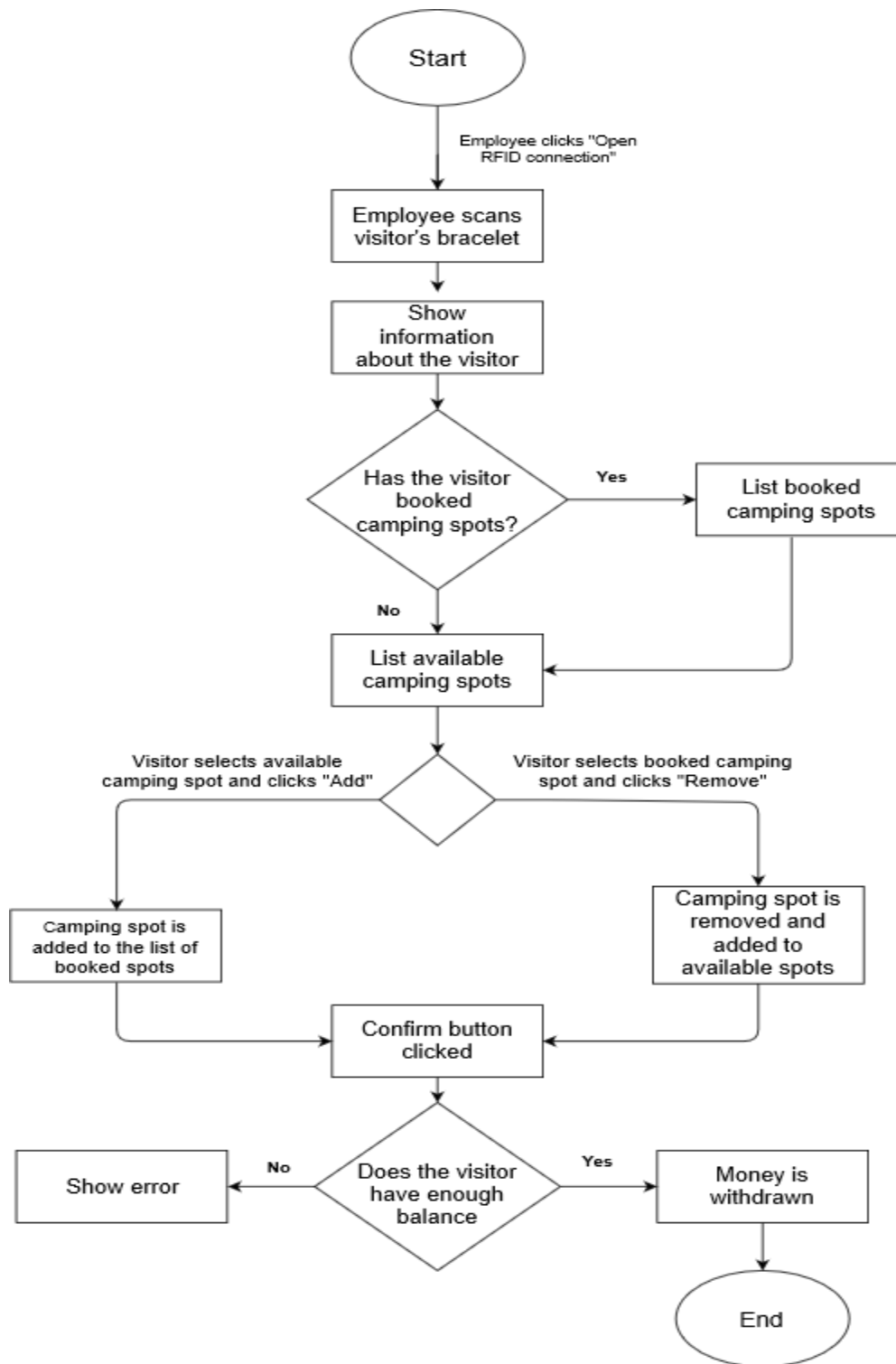
Loaning Shop



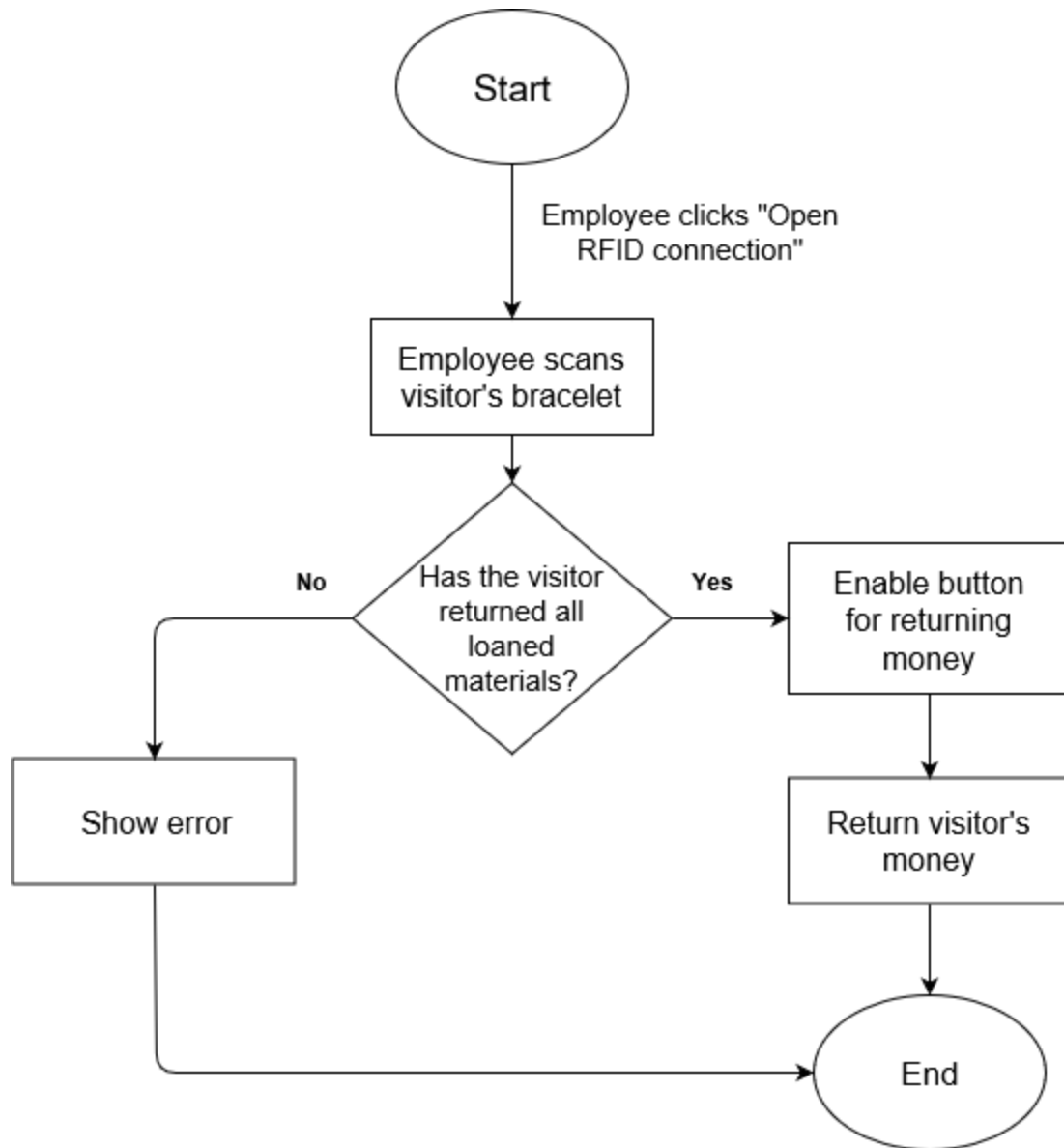
Enter event



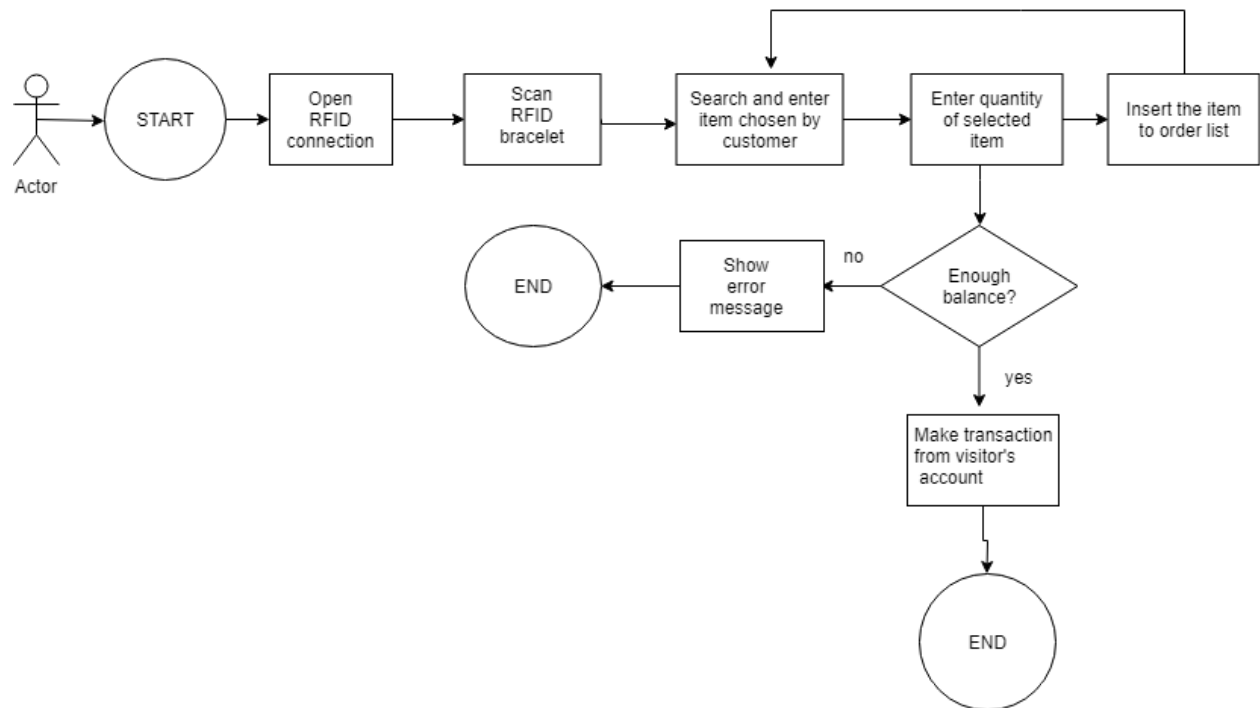
Book camping spot



Exit Event



Food / Drinks Shop



5. Functional requirement

	M	S	C	W
Website				
Show / leave review for each event		v		
Let an admin to create multiple events			v	
Tickets purchasing	v			
Send an email to participants when they bought tickets			v	
Camping spot reservation	v			
Top-up balance from personal bank account	v			
Details for each event organised	v			
Show / leave review for each event		v		
Review button should be disabled before the event and abled during and after event		v		
Applications				
Ticket Service at entrance				
Selling tickets at the entrance	v			
Display a message in case of insufficient money				v
Display a message if the ticket has already been used			v	
Check ticket and give an RFID at entrance	v			
Displaying message in case of unavailable ticket number		v		
Camping service				
Check if a visitor can enter camping spot	v			

Food & Drinks Court				
Visitors use their card with RFID to pay for food and drinks	v			
Deny purchase if insufficient funds are in the account	v			
Number of items that have been sold		v		
Delete account after event			v	
Printed receipt				v
Loaning Shops				
Visitors use their card with RFID to pay for loaned items	v			
Deny purchase if insufficient funds are in the account	v			
Items that need to be returned		v		
Delete account after event			v	
Management Service				
Overview statistics	v			
Exit Event Application				
Return money from the RFID account	v			
Don't allow visitor to exit with loaned goods		v		
Identifying employees application				
Identify employees so any employee can work on each application	v			
Keep track of employees		v		

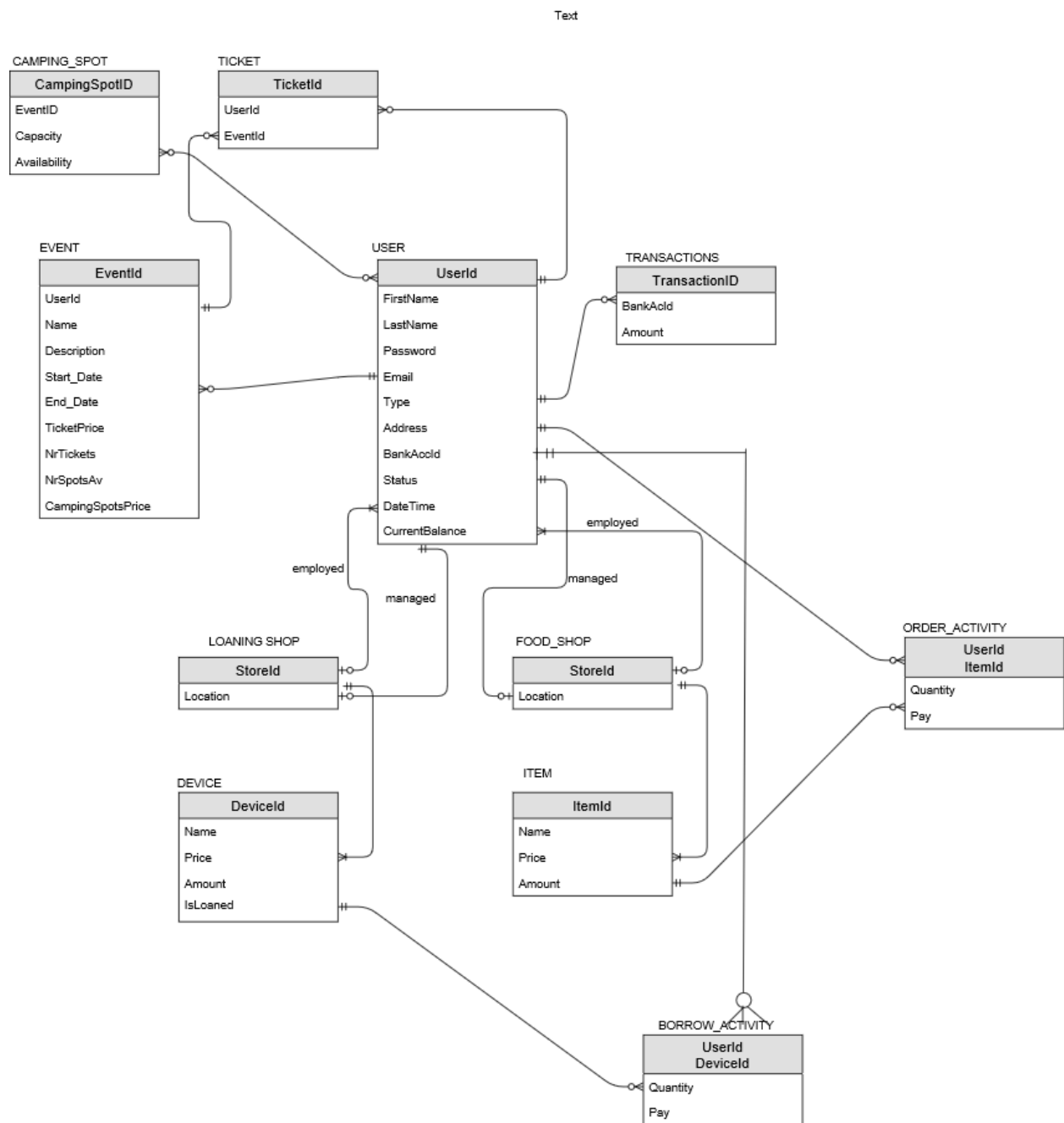
M = must have

S = should have

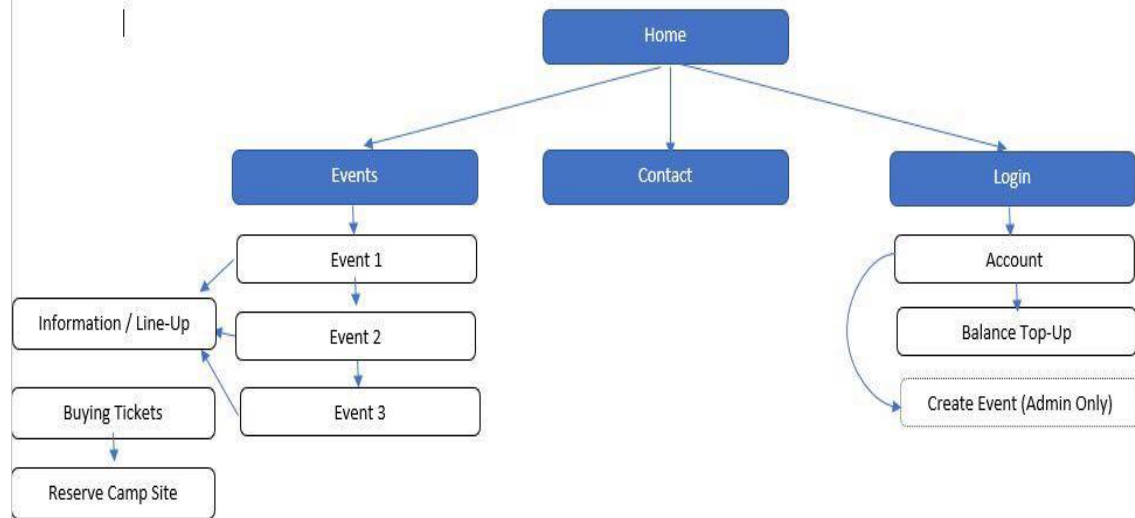
C = could have

W = would not have

6. ERD

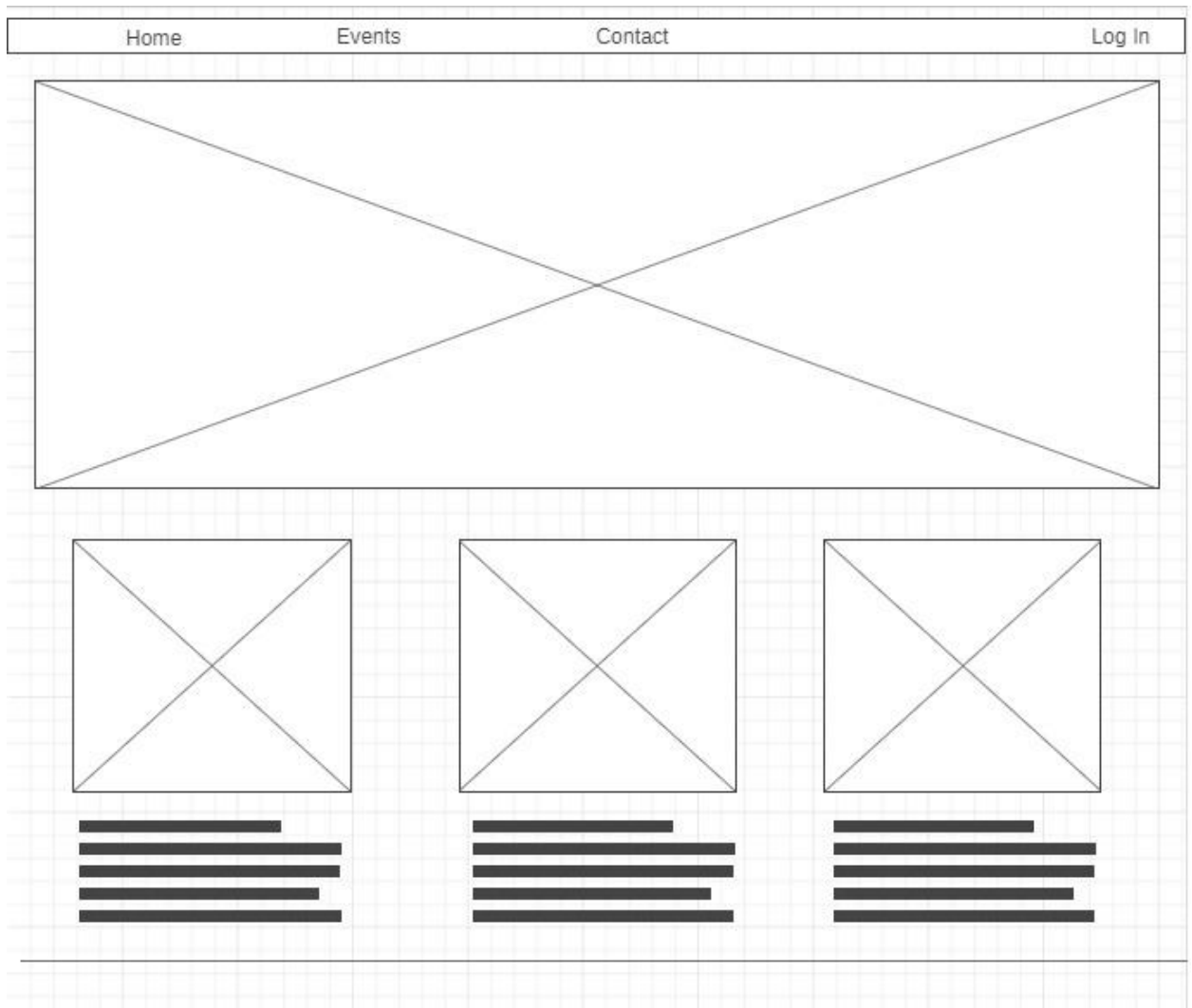


7. Sitemap

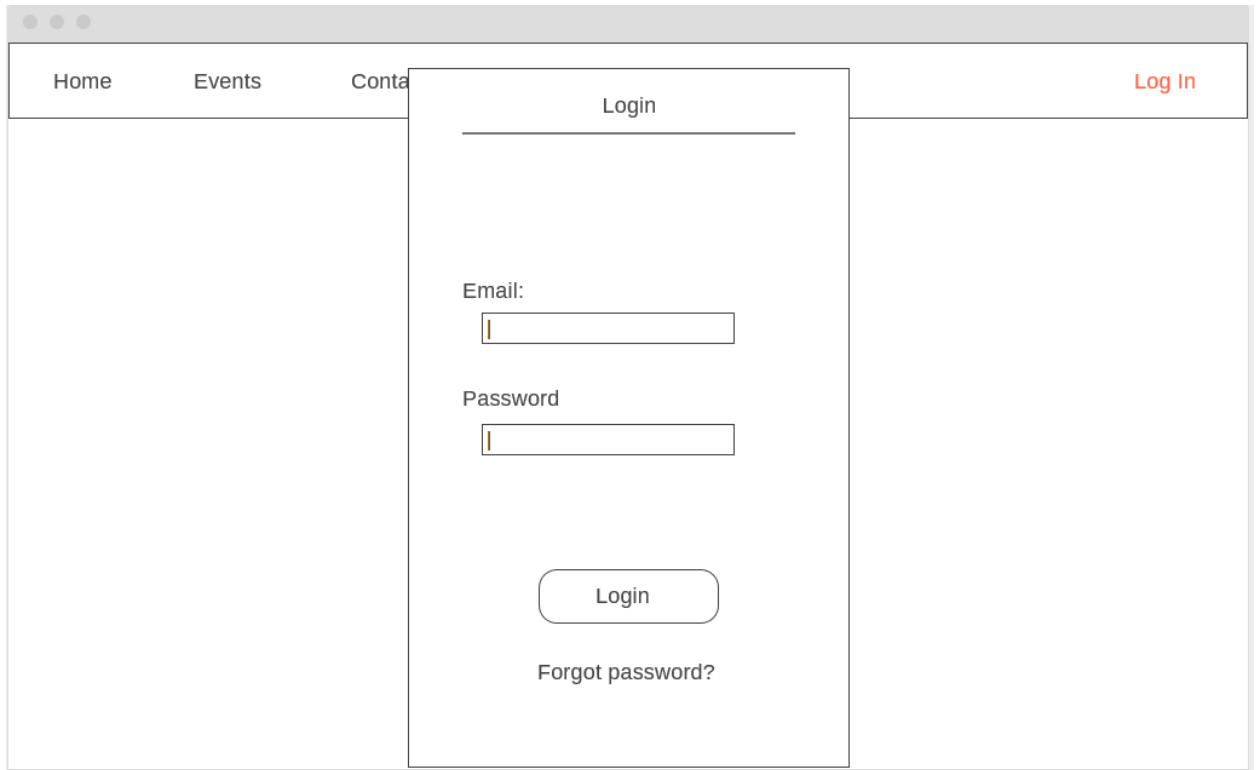


8. Wireframe --- Web application

Home page



Login



The image shows a web browser window with a navigation bar at the top. The navigation bar contains links for 'Home', 'Events', and 'Contact', and a 'Log In' link on the right. A modal login form is centered over the page content. The form has a title 'Login' with a horizontal line underneath. It contains two input fields: 'Email:' and 'Password', each with a text input box. Below the password field is a 'Login' button and a 'Forgot password?' link.

Home Events Contact Log In

Login

Email:

Password

Login

[Forgot password?](#)

1 / 3 of buying tickets (Ticket amount)

The image shows a wireframe of a web browser window. The browser's address bar contains three dots. The navigation bar includes links for 'Home', 'Events' (highlighted in red), 'Contact', and 'Log-In'. The main content area is titled 'Info Event 3'. It features a central 'Buy ticket' form with a horizontal line below the title. The form contains an 'Amount:' label followed by a text input field, a 'Price:' label followed by a text input field, and a 'Buy' button. To the left of the form is a sidebar with a placeholder image and a list of horizontal bars. To the right is another sidebar with a placeholder image, a list of horizontal bars, and a paragraph of placeholder text. At the bottom of the form is a progress indicator with three circles, the first of which is numbered '1'. The bottom of the browser window shows a 'Review' section with horizontal bars and a page number 'X: 339'.

Home Events Contact Log-In

Info Event 3

Buy ticket

Amount:

Price:

Buy

Review

1

Lorem ipsum dolor sit amet et delectus

X: 339

Step 2 / 3 of buying tickets (Reserve camping spot)

HomeEventsContactLog-In

Info Event 3

Reserve spot

Camping spot to reserve:

Reserve

SKIP ->

2

Review

Lorem ipsum dolor sit amet et delectus

X: 451

Step 3 / 3 of buying tickets (Enter personal information)

A web form titled "User information" for Step 3 of buying tickets. The form is centered on a page with a navigation bar at the top containing "Home", "Events" (highlighted in red), "Contact", and "Log-In". To the left of the form is a sidebar with the heading "Info Event 3" and a list of horizontal bars. To the right is another sidebar with horizontal bars and a paragraph of placeholder text. The form itself has a title "User information" followed by a horizontal line. It contains five input fields: "Email:", "Name:", "Password:", "Confirm password:", and "Address:". Below these fields is a "Complete" button. At the bottom of the form are three circular progress indicators, with the third one containing the number "3".

Home Events Contact Log-In

Info Event 3

User information

Email:

Name:

Password:

Confirm password:


Address:

Review: ☐ ☐ ☒

Lorem ipsum dolor sit amet et delectus

X: 365

Forgot Password



A screenshot of a web application interface. At the top, there is a navigation bar with links for 'Home', 'Events', and 'Contact'. On the right side of the navigation bar is a 'Log In' link in red text. A modal form titled 'Forgot Password' is centered on the screen. The form contains an 'Email:' label, a text input field, a 'Send email' button, and a link that says 'Didn't forget password? Log in'.

Home Events Contact Log In

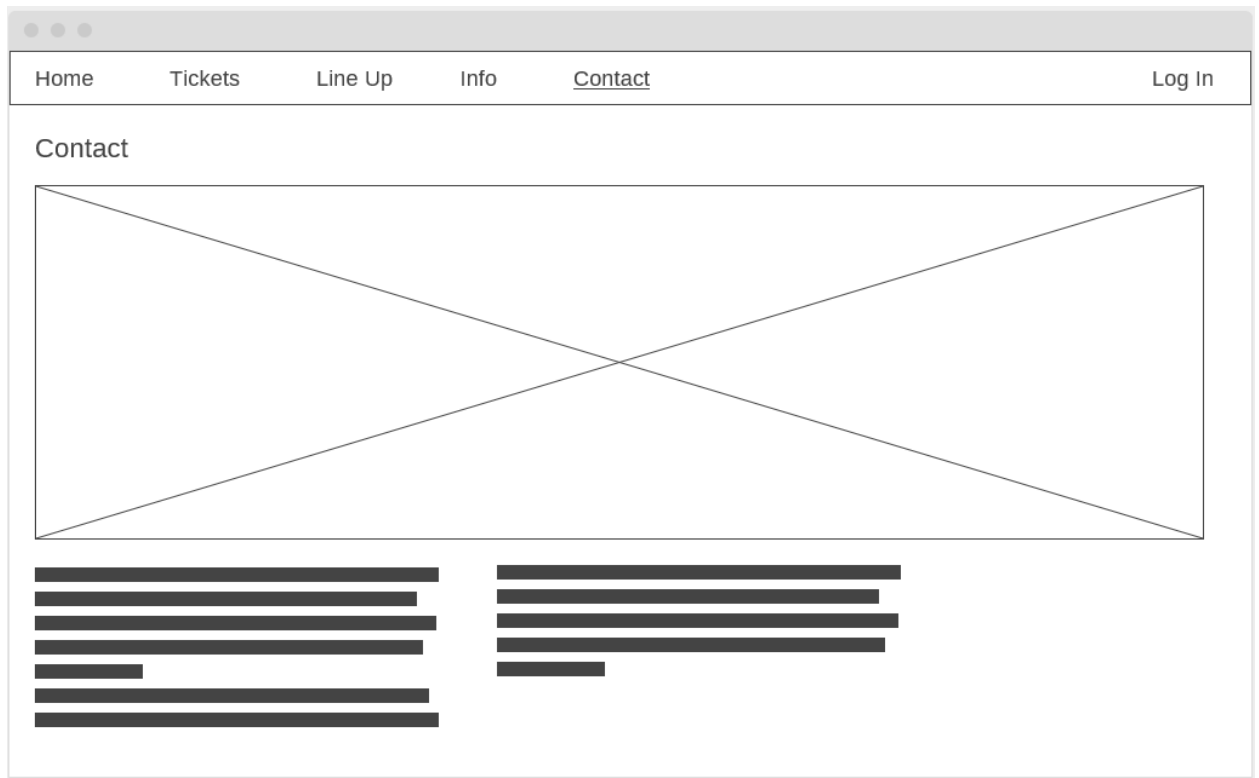
Forgot Password

Email:

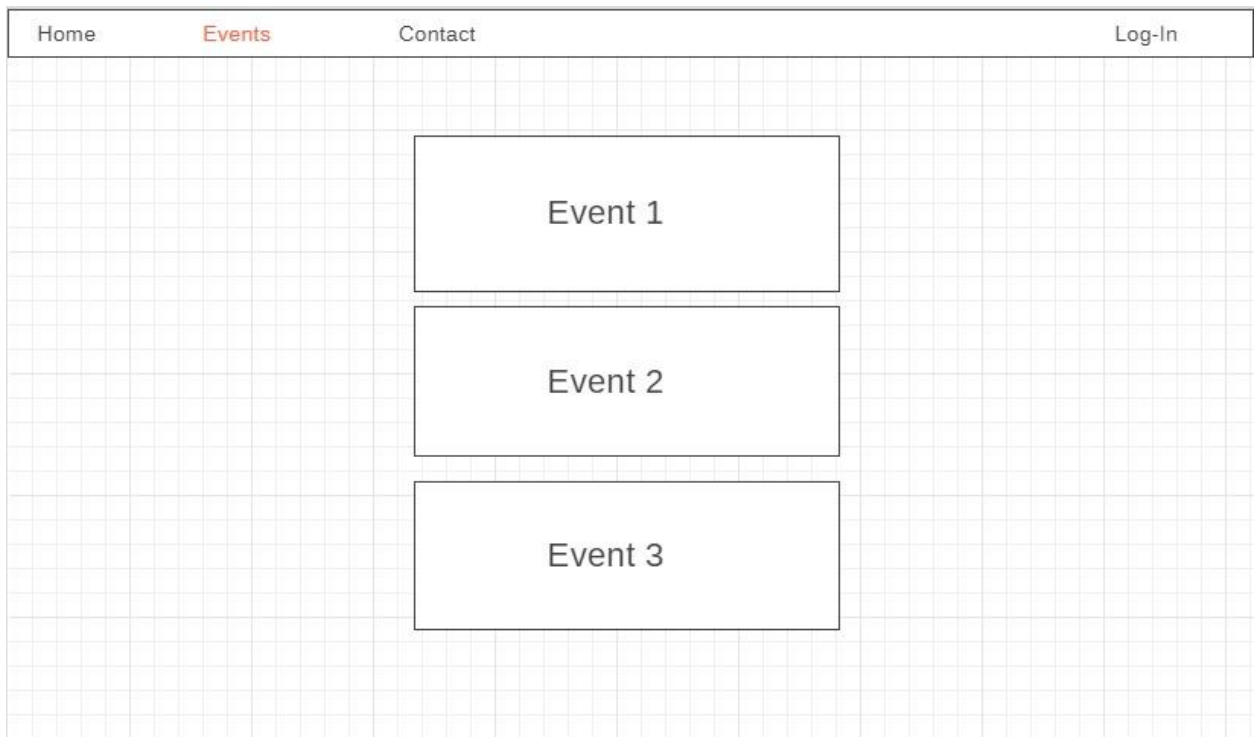
Send email

Didn't forget password?
Log in

Contact



Events



Event details

HomeEventsContactLog-In

Info Event 1

Buy Tickets

Reviews

Leave your review

Submit

9. GUI -- WinForm applications

Create event

The screenshot shows a Windows Form application titled "Create Event". The form is divided into several sections for data entry:

- Information**: Contains five input fields: "Name:", "Description:", "Location:", "Start Date:" (with a date picker showing "17 март 2019 г."), and "End Date:" (with a date picker showing "17 март 2019 г.").
- Tickets**: Contains two input fields: "Number of tickets available:" and "Ticket price:".
- Camping spots**: Contains two input fields: "Number of spots available:" and "Camping spot price:".
- Line Up**: Contains an "Artist:" input field, an "Add" button, a large list box labeled "listBoxLineUp", and a "Remove" button.

A "Create Event" button is located at the bottom center of the form.

Camping spot reservation

Book Camping Spot

Book Camping Spot

RFID Reader

SerialNo: xxx
Device status: xxx
Open RFID connection

Guest Information

TicketNo: xxx
Name: xxx
Balance: xxx
Camping spots: xxx

Camping Spots

listBoxBookedSpots

listBoxAvailableSpots

AddRemoveConfirm

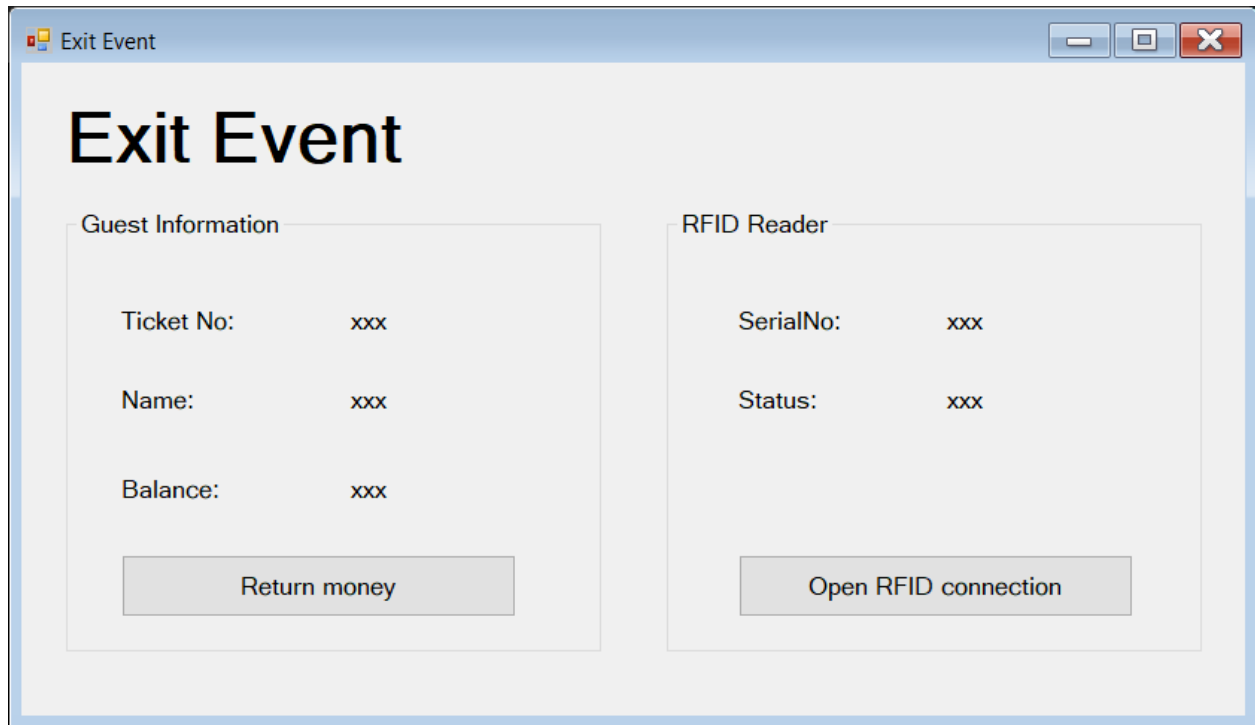
Camping check in / check out

The screenshot shows a Windows application window titled "FormCampingCheck". The window has a standard Windows title bar with minimize, maximize, and close buttons. The main content area is divided into two columns. The left column is titled "Camping" in a large, bold font. Below this title, there are two sections: "Guest information" and "Message". The "Guest information" section contains three labels and their corresponding values: "TicketNo: xxx", "Name: xxx", and "Camping No: xxx". The "Message" section contains a single label "IbStatus". The right column is titled "RFID Reader". It contains two labels and their corresponding values: "SerialNo: xxx" and "Status: xxx". At the bottom of the right column, there is a button labeled "Open RFID connection".

Camping	
Guest information	
TicketNo:	xxx
Name:	xxx
Camping No:	xxx
Message	
IbStatus	

RFID Reader	
SerialNo:	xxx
Status:	xxx
Open RFID connection	

Exit event




A screenshot of a software window titled "Exit Event". The window has a standard Windows-style title bar with minimize, maximize, and close buttons. The main content area is divided into two panels. The left panel, titled "Guest Information", contains three labels with corresponding values: "Ticket No: xxx", "Name: xxx", and "Balance: xxx". Below these is a button labeled "Return money". The right panel, titled "RFID Reader", contains two labels with corresponding values: "SerialNo: xxx" and "Status: xxx". Below these is a button labeled "Open RFID connection".

Guest Information	
Ticket No:	xxx
Name:	xxx
Balance:	xxx
<button>Return money</button>	

RFID Reader	
SerialNo:	xxx
Status:	xxx
<button>Open RFID connection</button>	

Ticket Service

Ticket Service App



Ticket Service

☐ Ticket Exchange

Verify Account

Ticket no:

Check Account

☐ Ticket Sale

Create Account

Surname :

Initial :

Bank Account :

Create Account

RFID Bind Account

Open RFID Reader

Bind To Account

Serial No : XXX

Device Status : XXX

Valid RFID No : XXX

GuestInfo

Ticket No : XXX

Surname : XXX

Initial : XXX

RFID No : XXX

Message

Verifying Employee

Form1

Identifying Employee

Employee Number :

Select your current workplace :

lbWorkplaces

Employee Information :

Employee First Name : XXX

Employee Last Name : XXX

Confirm your workplace

Loaning shop

Loaning Shop

LoanReturn

Items

Item price :

Amount:

789

456

321

0

Clear

Add

Remove

Loan

Customer

Name: xxx

Ticket No: xxx

Balance: xxx

RFID scanner

Serial No: xxx

Device status: xxx

Open RFID Reader

Loaning Shop

LoanReturn

Unreturned Items:

Return

Customer

Name: xxx

Ticket No: xxx

Balance: xxx

RFID scanner


Serial No: xxx

Device status: xxx

Open RFID Reader

Food / Drinks Shop

Form1



Food / Drinks Order

Shop No :

Items

Food and drinks:

Search..

lbItems

Order :

lbOrder

Item :

Amount :

789

456

123

0

Clear

Add

Remove

Confirm

Customer

Name : XXX

Ticket No : XXX

Balance : XXX

RFID Scanner

Serial No : XXX

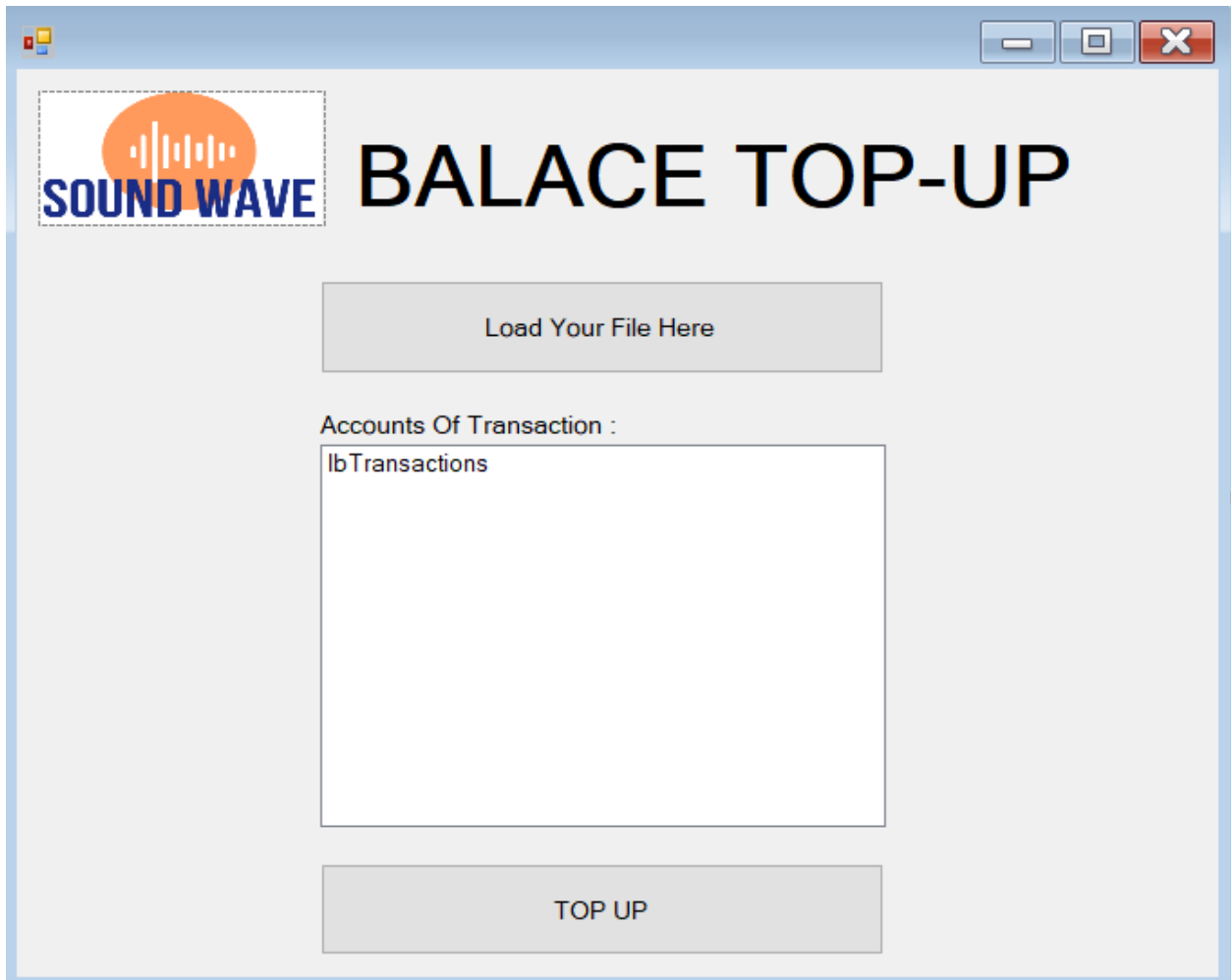
Device Status : XXX

Open RFID Reader

Total Payment: € 0

Message

Balance Top-Up



The image shows a software window titled "BALANCE TOP-UP". In the top-left corner, there is a logo for "SOUND WAVE" featuring an orange circle with a white soundwave pattern. The main title "BALANCE TOP-UP" is displayed in large, bold, black capital letters. Below the title, there is a light gray rectangular button with the text "Load Your File Here". Underneath this button, the text "Accounts Of Transaction :" is followed by a large, empty white rectangular box. At the bottom of the window, there is another light gray rectangular button with the text "TOP UP". The window has a standard blue title bar with minimize, maximize, and close buttons on the right side.

SOUND WAVE

BALANCE TOP-UP

Load Your File Here

Accounts Of Transaction :

IbTransactions

TOP UP

Enter event

Form1



Entrance

Guest Information

Name:

Ticket No:

Status:

RFID Reader

SerialNo: xxx

Status: xxx

Open RFID connection