

Setup Document

Course: Project Propaedeutic Phase
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Group : 17

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Agreement

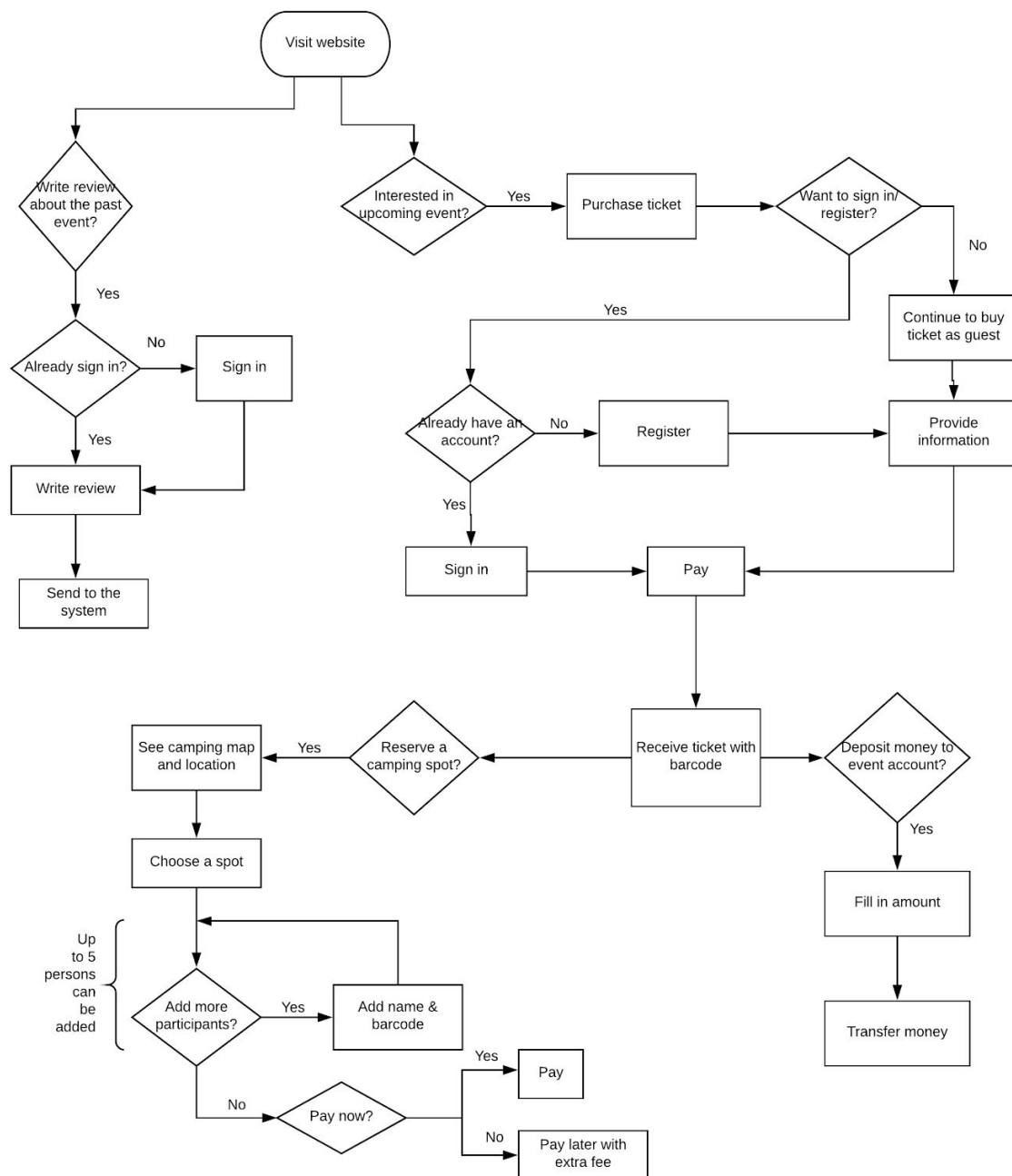
The case was discussed with the client, and after the discussion we decided to implement a website and an application:

Website: After discussing how the website should function, we came to an agreement that the website should have the following functions. Visitors can go to the website before attending the event in order to purchase the tickets and see all the information regarding the event. They can purchase tickets and reserve camping spots with or without personal accounts. The visitors can transfer money to their event account after purchasing ticket. A visitor is allowed to reserve one camping spot for up to six people and he/she needs to specify the others by giving names and ticket barcodes. After the event, the visitors can post reviews about their own experience on website as long as they sign in to their personal accounts.

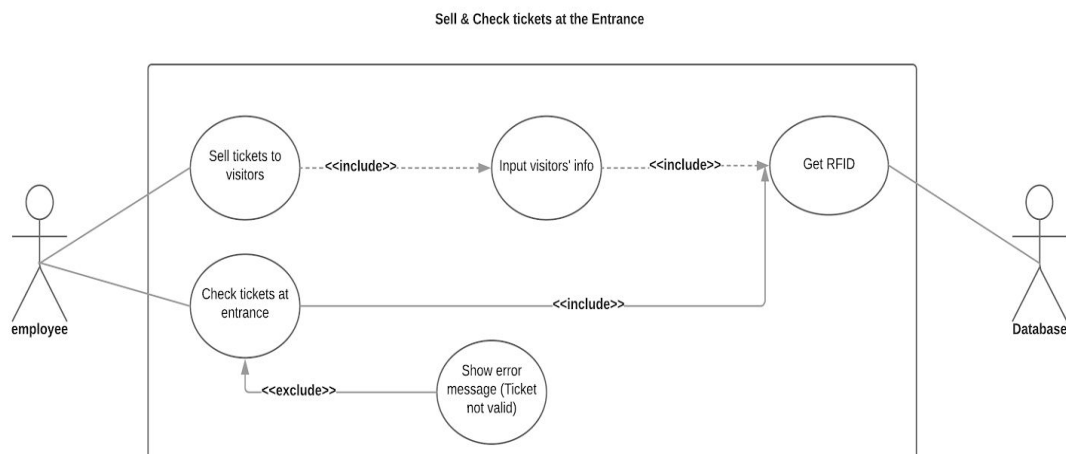
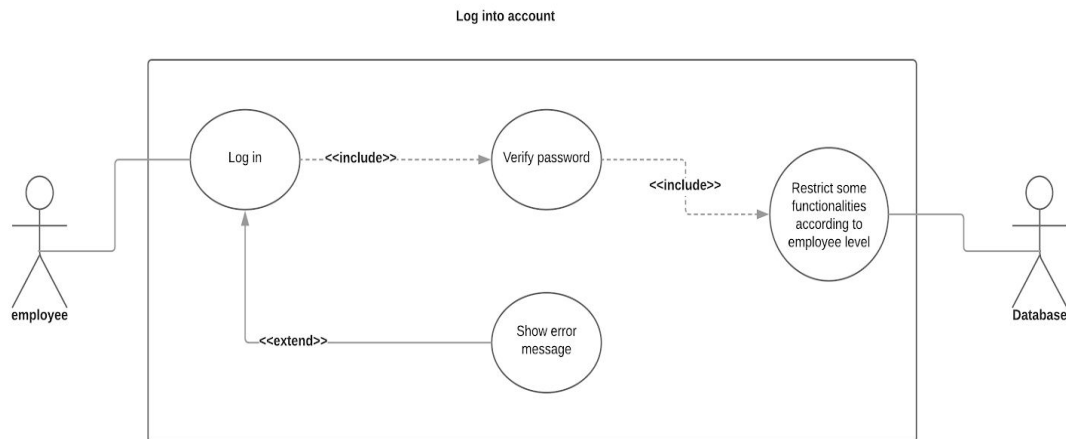
Application: We are going to deliver one application for the client that will be used by the employees. We have three levels of employees which is Level 1, Level 2, and Level 3. The first level of employee manages the entire event. The second level of employee manages the shops and renting items. The third level of employee manages the tickets purchased and the tents reserved by a visitor. A visitor is allowed to buy a ticket at the gate or on the website, if the ticket is bought online they need to show the barcode provided on the ticket and they receive a RFID wristband. Whereas, a visitor that buys the ticket at the gate just receives the RFID wristband. The wristband keeps into account how much money there is in your account and allows you to make purchases during the event, like for renting out items, reserving a tent, purchasing food or drinks. A visitor is allowed to check out of the event if they have returned all rented items.

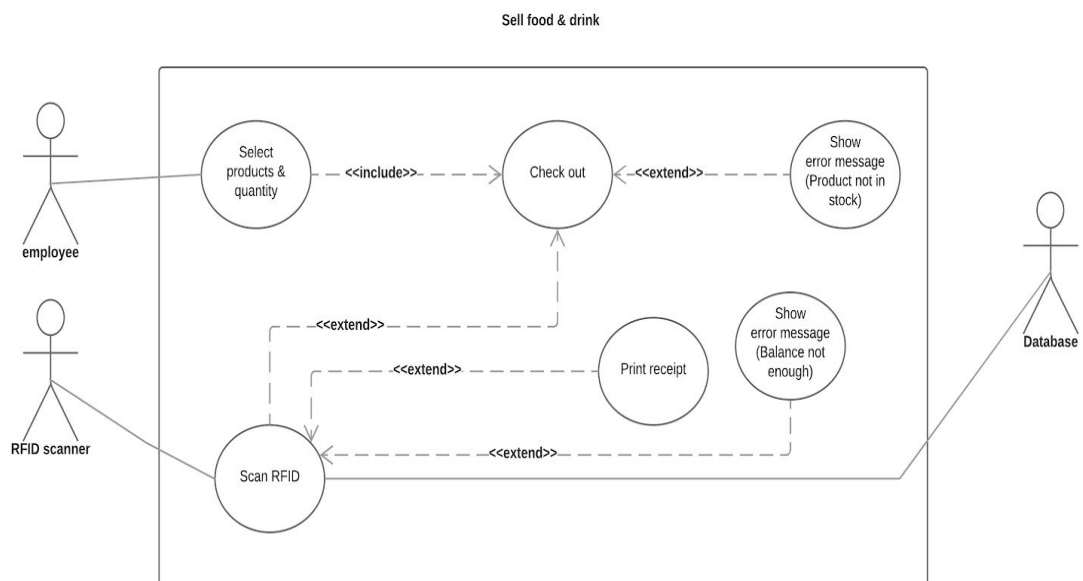
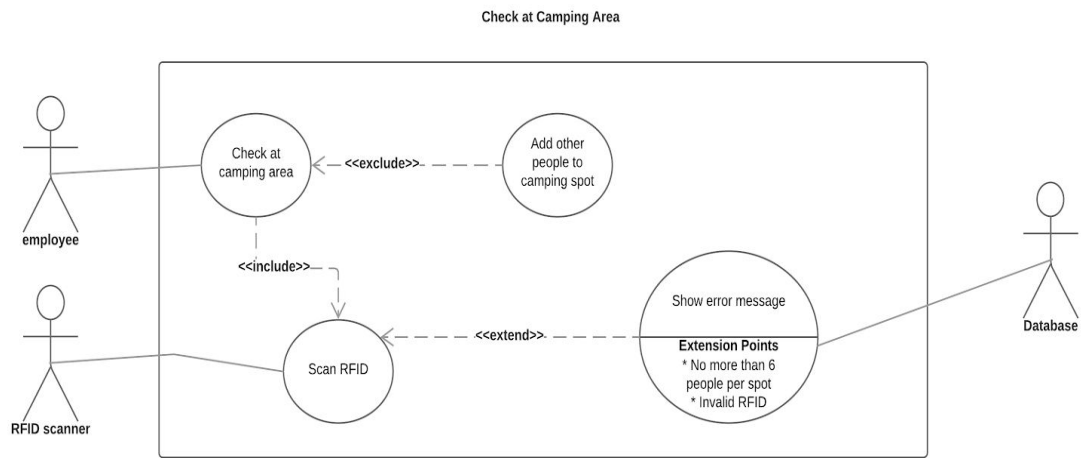
Processes

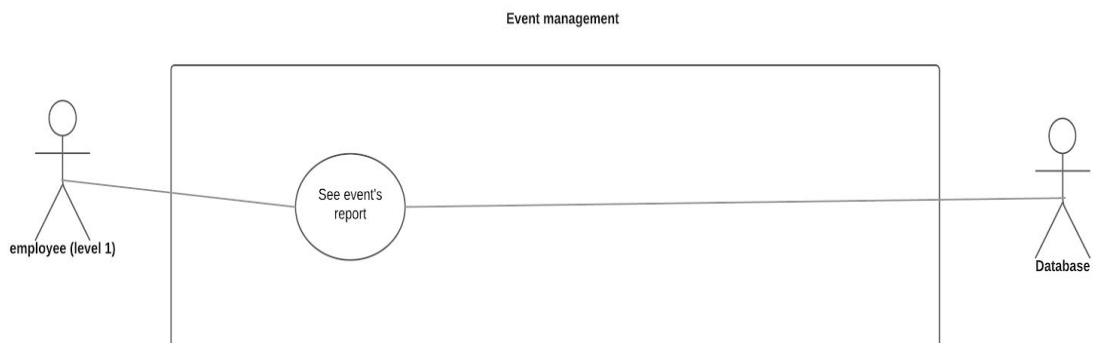
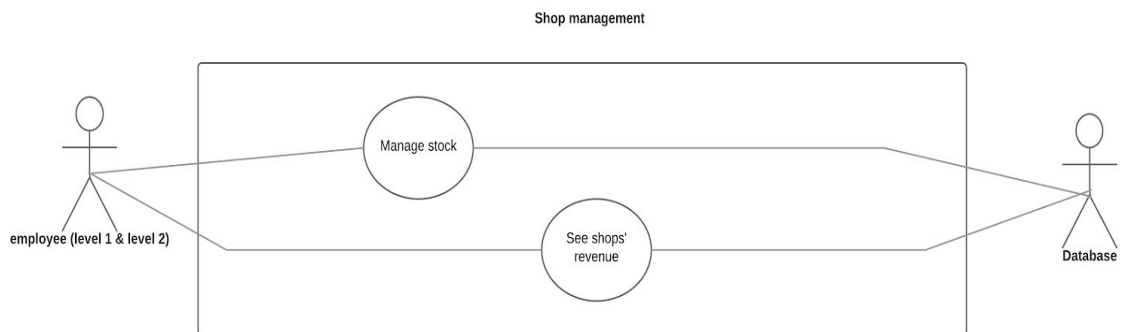
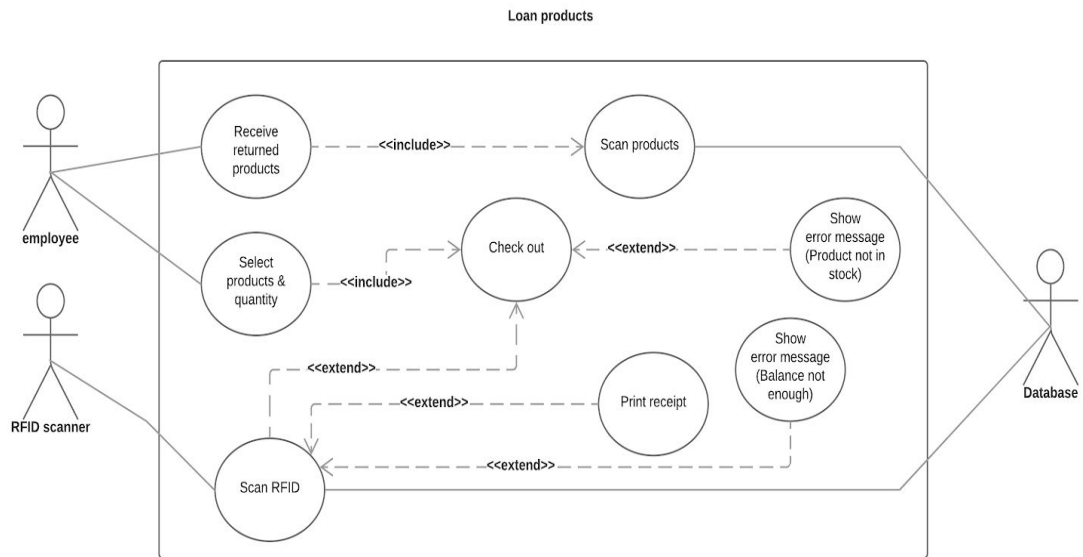
- Interaction between users and the website: The flowchart below shows the processes in which visitors interact with the website. Before the event, they may want to purchase ticket, reserve a camping spot, and transfer money to their event account. They do not need a personal account to do so. After the event, they can post reviews about their own experience. To ensure objectivity and trustworthiness, logging into account is required in this process. The website backend is connected to a database to send and get required information.



- Interaction between users and the application: The use-case diagrams below illustrates how users (employees at the event organizer) interact with the application which is supported by a database. The employees need first to log in, then based on employee level, the application will show appropriate functionalities.
 - Employees at level 3 can use the application to sell tickets to visitors, check tickets at the entrance and give each visitor a wristband with RFID chip, check at camping area, sell food and drink, loan products, and get back returned products.
 - Employees at level 2 (shop managers) can access all above mentioned functionalities, plus they can use the application for stock control and revenue report at each shop and vending machine.
 - Employees at level 1 (event managers) can access all above mentioned functionalities, plus they can see the revenue report for the whole event







Functional Requirements

	Must have	Should have	Could have	Won't have
Application	<ul style="list-style-type: none"> - Able to check if the participant has a valid ticket to enter the event at the entrance - Employee can allow participant to buy ticket at the entrance if they do not have one already. - Able to check if participant has a camping spot and/or check if the group has paid. - Feature that allows employees to log in and out of the application with access to certain parts of the application depending on what level the employee is. - If a visitor wants to purchase a camping spot, they are allowed to do so and must 	<ul style="list-style-type: none"> - Delivery of log-files (text files) which shows the deposits to the organization of the event. - Transactions of what has been purchased throughout the event. - The status of the event which includes: visitor status/history, visitors present at the event, total visitors to visit the event, total balance of all visitors together and total money spent, total money sold per shop, camping 	<ul style="list-style-type: none"> - What exactly has been purchased by a visitor throughout the event. - Show what has been lent and amount. - Have a FAQ section for things to be clearer. - A list of social media platforms. 	<ul style="list-style-type: none"> - Multiple applications for different levels of employees.

	<p>pay more at the entrance.</p> <ul style="list-style-type: none"> - Able to check if visitor has returned all lent items or not. 	<p>statistics, total amount of a certain product sold.</p>		
Website	<ul style="list-style-type: none"> - The visitor is able to buy ticket online - The visitor is able to transfer money from their personal bank accounts into their "event-account". - Reserve a camping spot. If the camping spot is booked for at least 6 members then the visitor must mention the participants. - Post reviews and comments which are made public. - All information on the event is given. - Functionality to return money back to visitor and mark event account 	<ul style="list-style-type: none"> - What all is offered at the event and how the wristbands work. - Able to register. And can log-in and log-out. - Display details and purchases of visitor. - Visitor can purchase multiple tickets. 	<ul style="list-style-type: none"> - Tickets sent to Visitor's email addresses with barcodes in case they lose their wristband. - News regarding the event. - Star level review. 	

	invalid			
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GUI wireframe

A wireframe of a login form titled "Form1". The form is centered on a light gray background. It features a white rectangular area with a diagonal line pattern. Inside this area, there are two labels: "Username/lastname" and "Password", each followed by a white text input field. Below these fields is a gray button labeled "Log In". The entire form is framed by a thin blue border.

A wireframe of a dashboard titled "Form1". The dashboard has a teal background. In the top right corner, there is a gray button labeled "Log out". Below this, there are seven white rectangular boxes arranged in a grid. The first row contains three boxes labeled "app1", "app2", and "app3". The second row contains three boxes labeled "app4", "app5", and "app6". The third row contains one box labeled "app7" centered below "app5". The entire dashboard is framed by a thin blue border.

Form1

participant#

Login

		
####	####	####
		
####	####	####
		
####	####	####
		
####	####	####

Drink Number

0

Buy

Form1

participant#

Loaln

		
####	####	####
		
####	####	####
		
####	####	####
		
####	####	####

Item Number

Buy

Form1

Menu participant#

Show info

Delete selected

Check out

Item	Item	Item
Item	Item	Item
Item	Item	Item
Item	Item	Item
Item	Item	Item
Item	Item	Item
Item	Item	Item

Form1

Menu participant#

Show info

Return Item

Item	Item	Item
Item	Item	Item
Item	Item	Item
Item	Item	Item

Lent

Form1

Menu participant#

Selected tent ifno

Show info

Rent Tent

Form1

Menu

participants management

Show info

Form1

Menu

employees management

Show info

The screenshot shows a software window titled 'Form1'. The window has a teal header and footer. The header contains a 'Menu' button. The footer contains the text 'employees management' and a 'Show info' button. The main area is divided into three panels: a left panel, a middle panel with a hatched background, and a right panel. The middle panel contains a large white rectangle.

Form1

Menu

income management

Show info

The screenshot shows a software window titled 'Form1'. The window has a teal header and footer. The header contains a 'Menu' button. The footer contains the text 'income management' and a 'Show info' button. The main area is divided into three panels: a left panel, a middle panel with a hatched background, and a right panel. The middle panel contains a large white rectangle.

Form1

Entrance management

Menu

First Name

Last Name

Email

Date of Birth

Sunday , October

October 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

Today: 07-Oct-18

New Participants

Check In

Check Out

Form1

Entrance management

Menu

First Name

Last Name

Email

Date of Birth

Sunday , October

Balance

Camping Spot

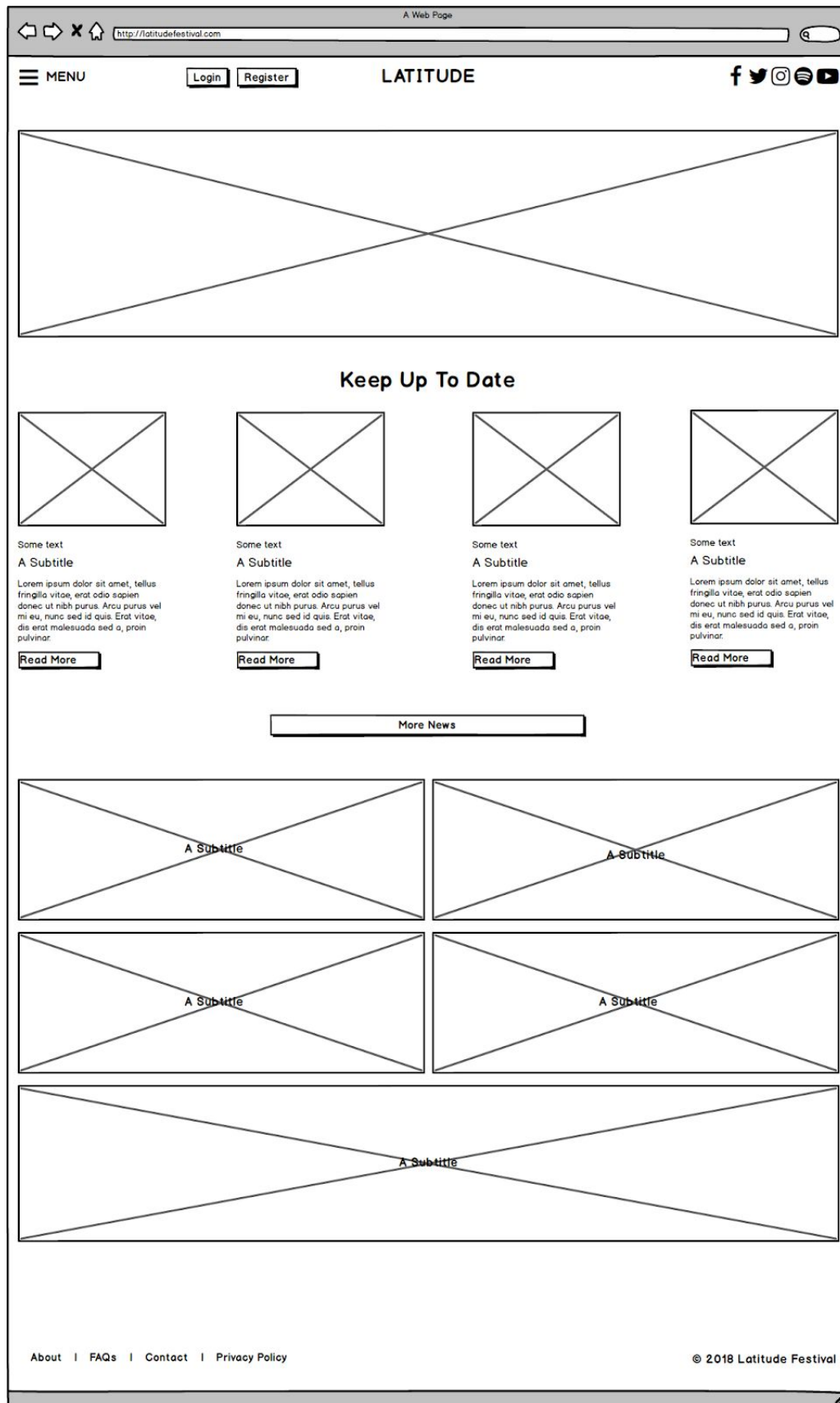
New Participants

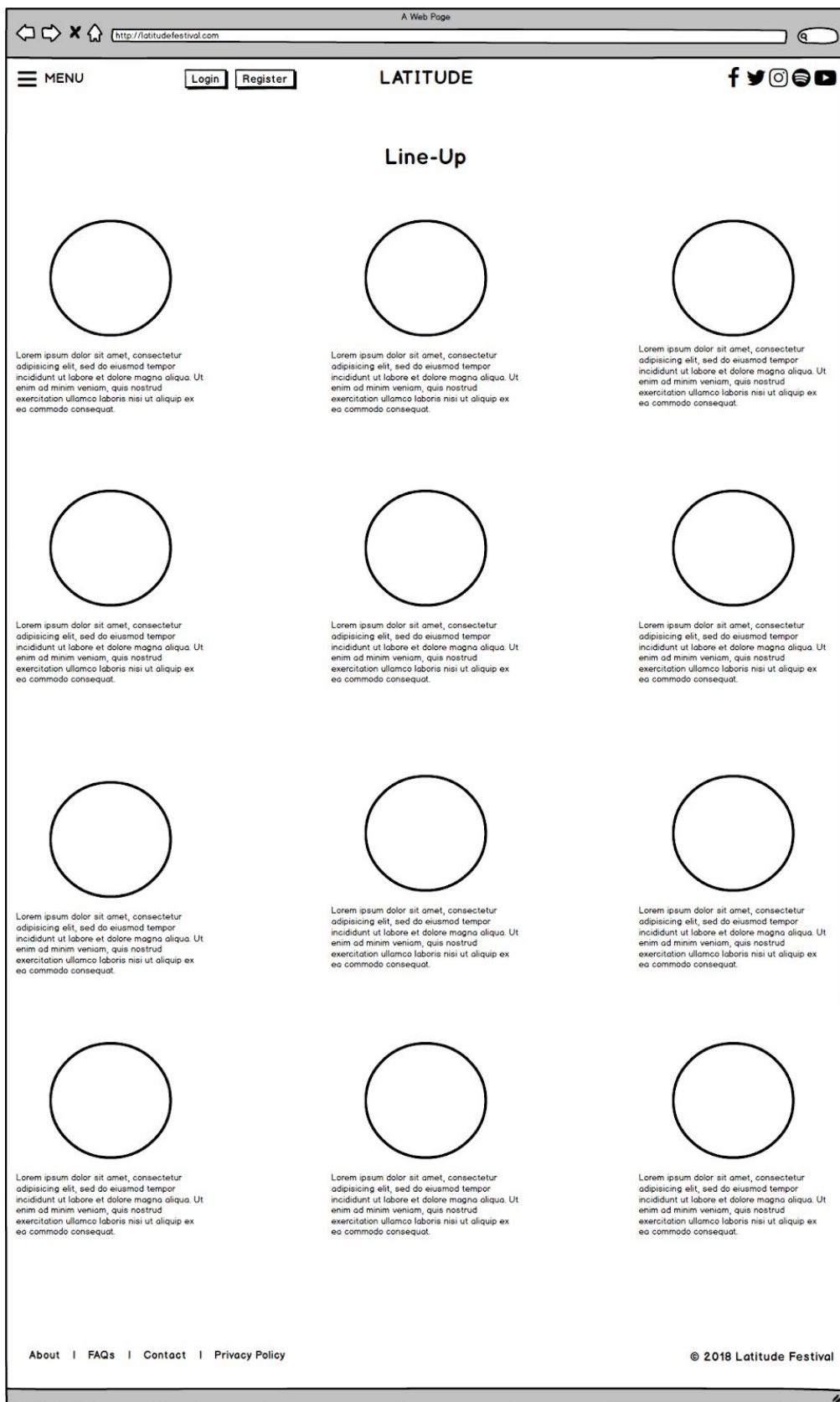
Check In

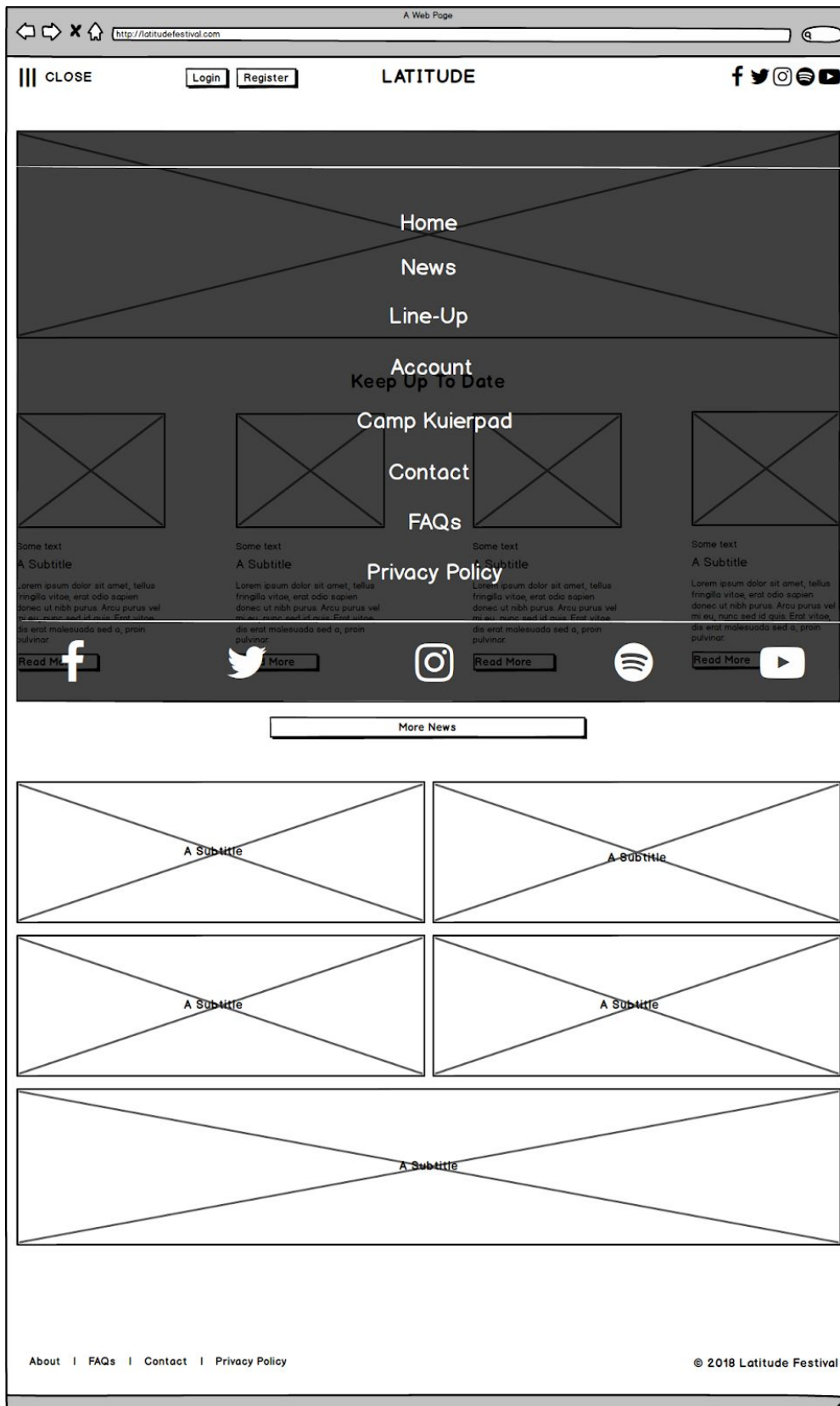
Check Out

17

Website Wireframe







http://latitudefestival.com

A Web Page

MENU

LoginRegister

LATITUDE

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▶

My Account

Welcome "Lastname"

Profile

First Name:

Last Name:

Email:

Date of Birth:

Account Details

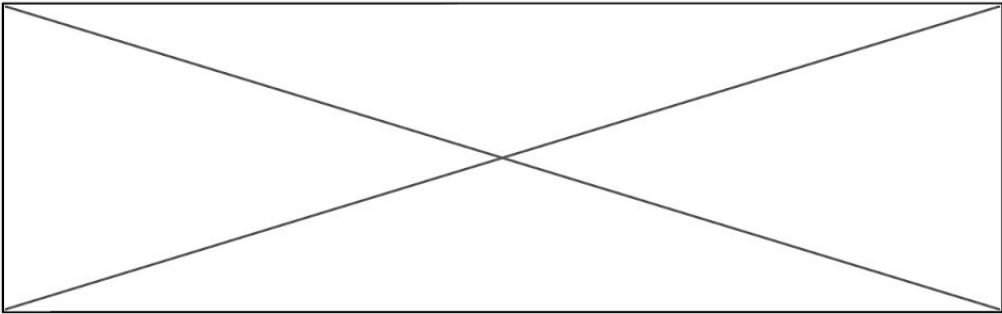
Balance:

Need Top Up?

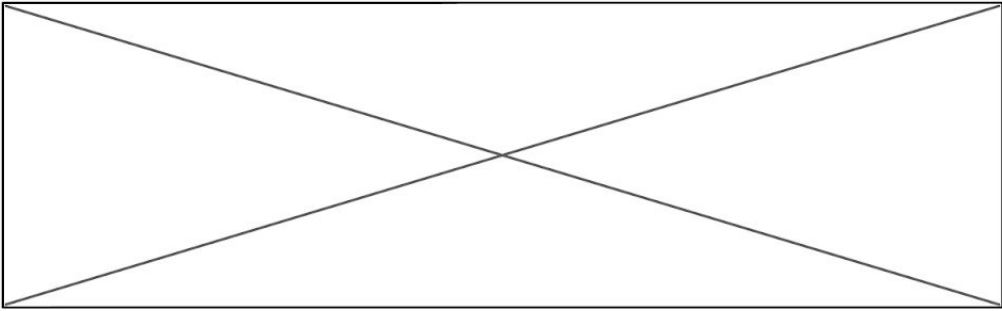
Camping Spot #:

What do you want to do?

Reserve a camping spot



Write a review



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http://latitudefestival.com

A Web Page

MENU

LoginRegister

LATITUDE

f

t

@

Login

E-mail:

Password:

Don't have an account yet? Register here

Login

Register

FirstName:

LastName:

E-mail:

Password:

Confirm Password:

Date of Birth:

Refresh

Register

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MENU

LoginRegister

LATITUDE

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Checkout

Personal Information

Netherlands

Your Orders (1)

Tickets

Regular Tickets€55.00

Total€55.00

Shipping Payment

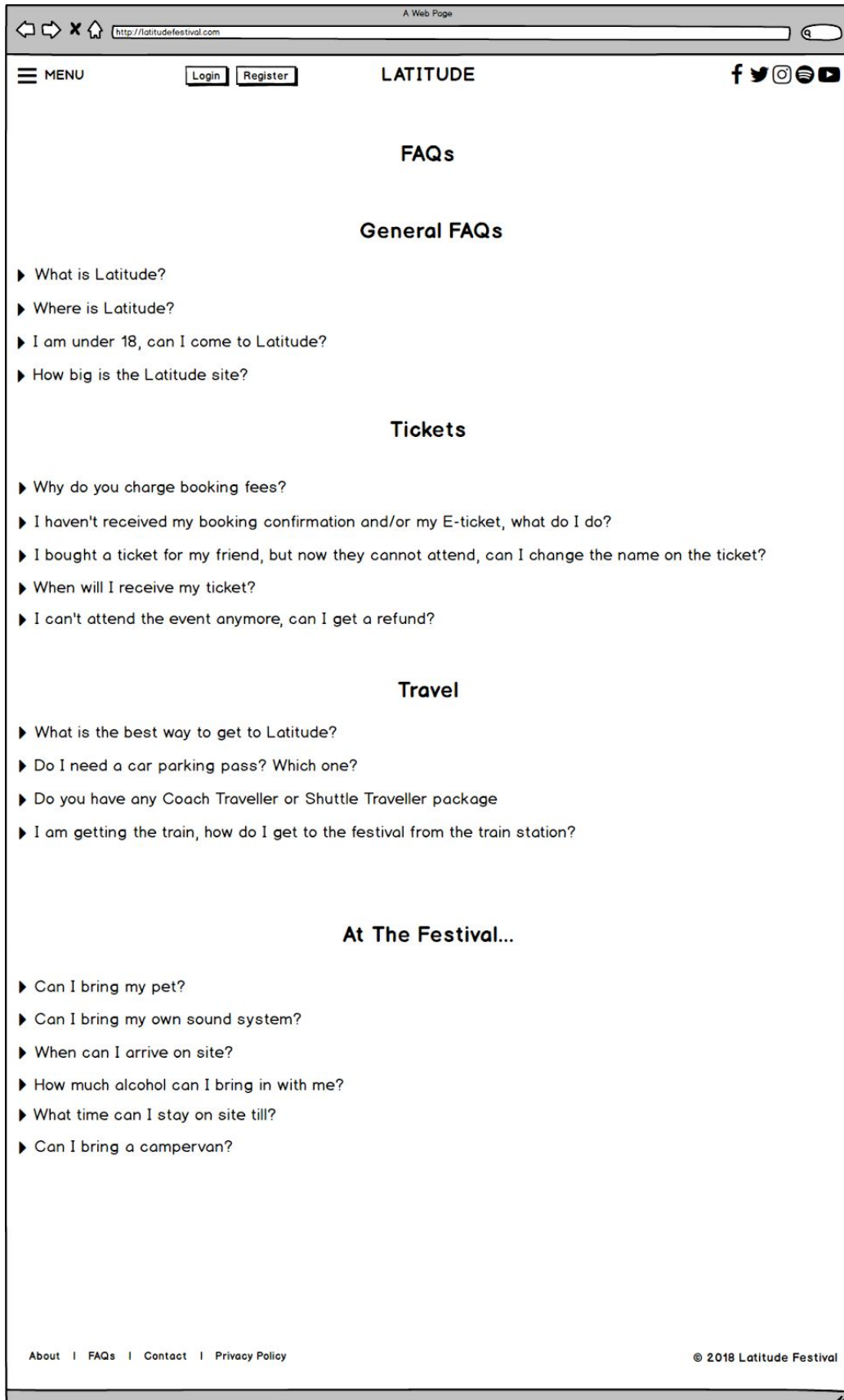
E-Tickets (€0.00)

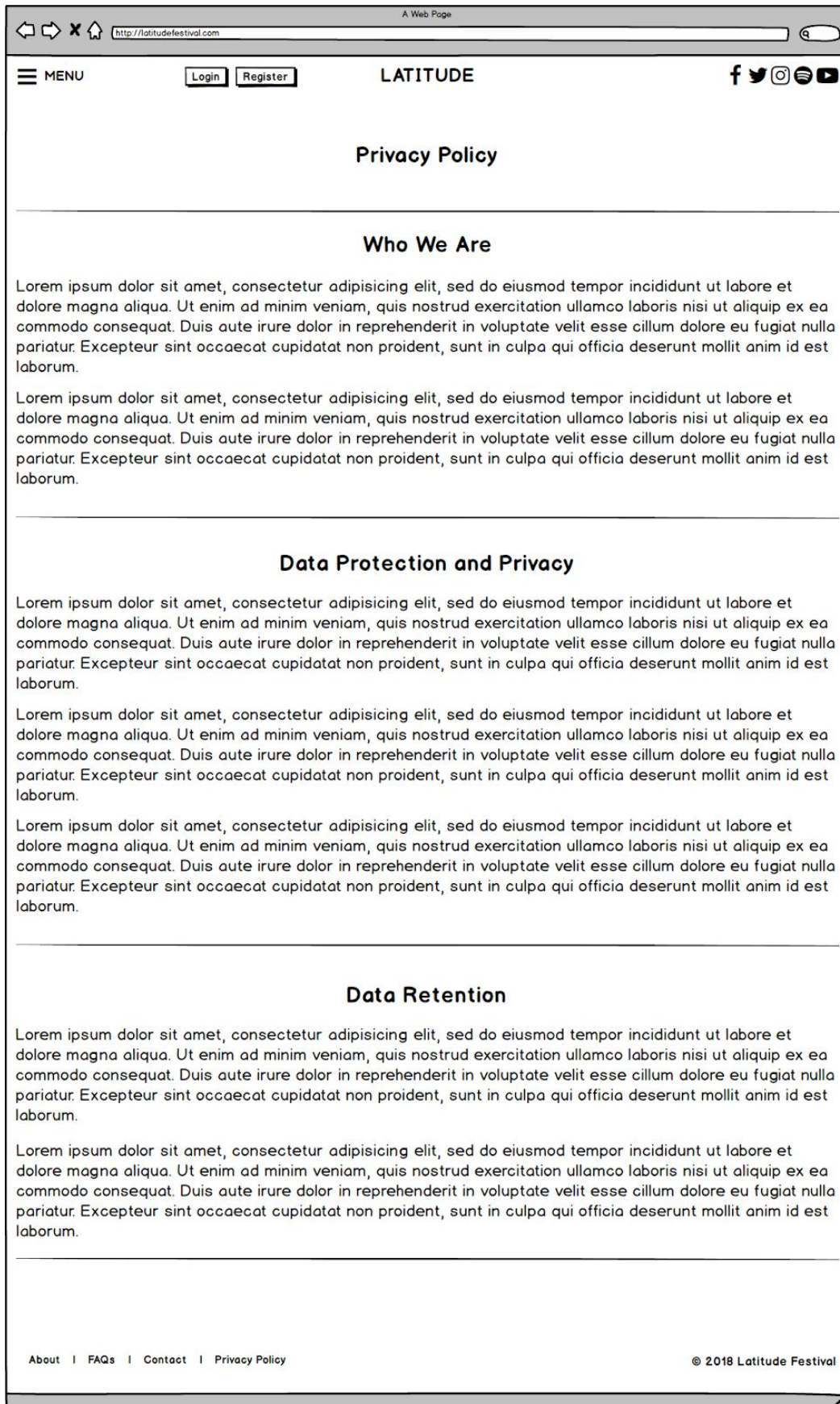
When you click "Pay", you agree to the Terms and Conditions

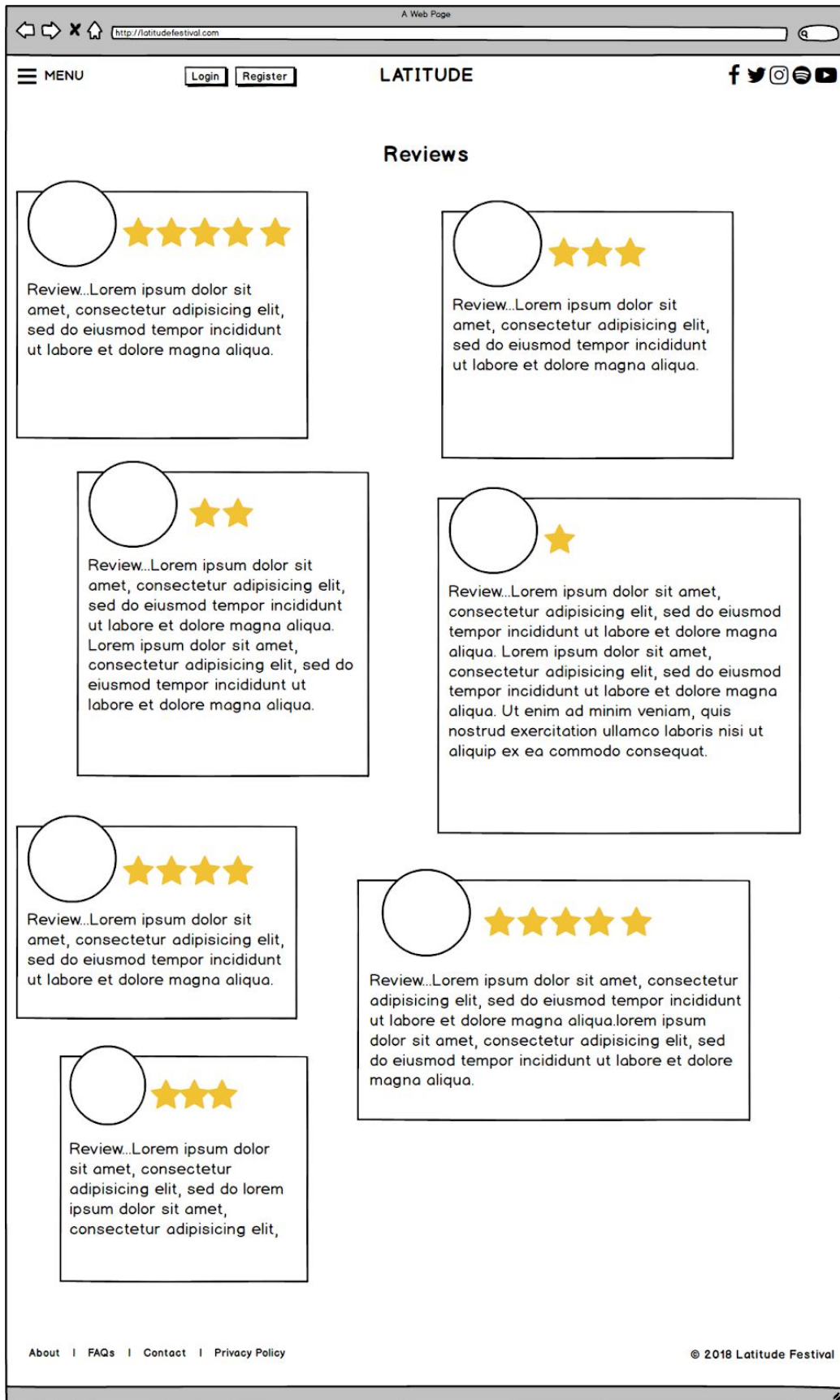
Pay

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A Web Page
http://latitudefestival.com

MENU
Login
Register
LATITUDE
f t i y

About Us


Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

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Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Contact Us



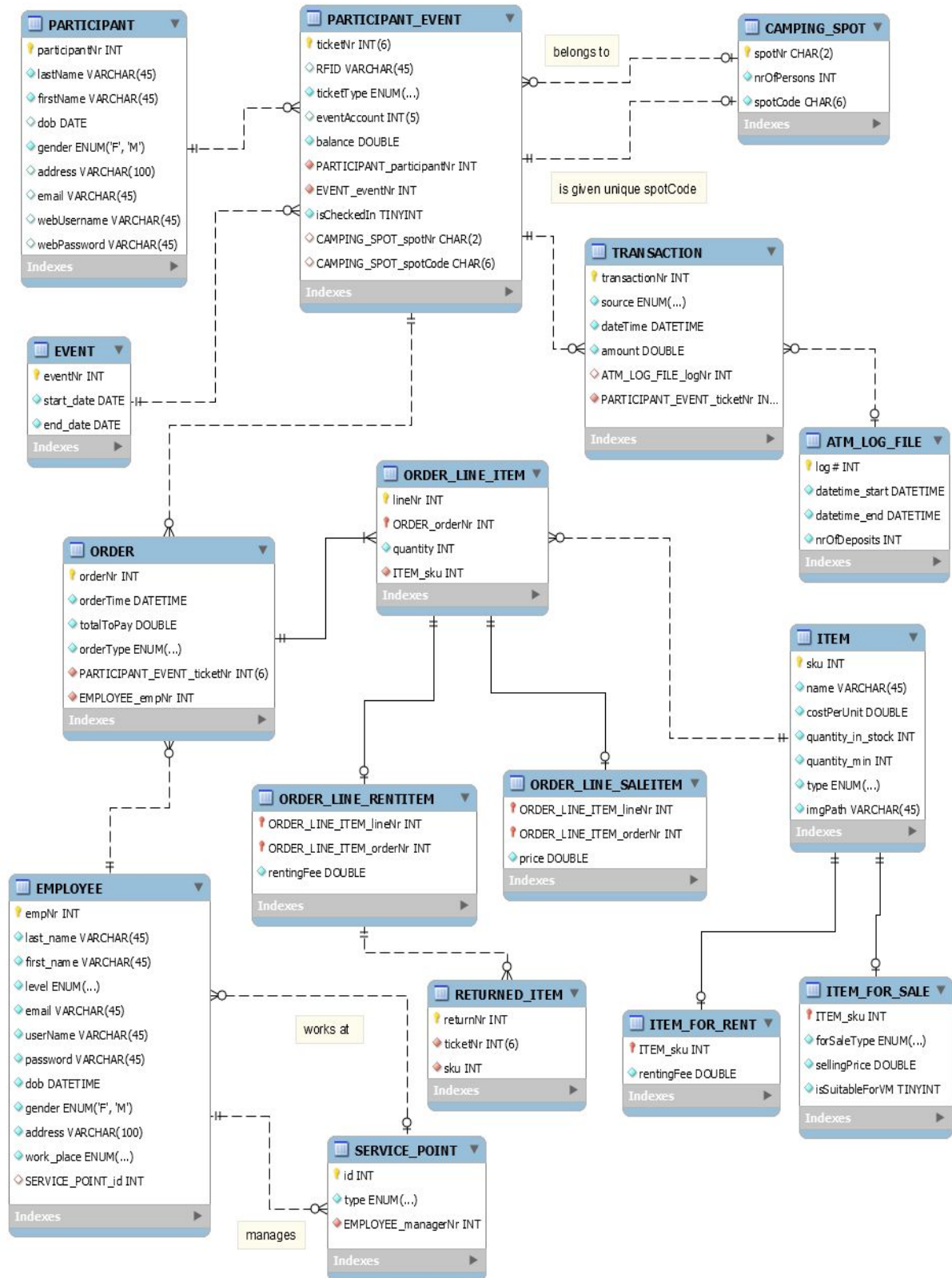
Rachelsmolen 1
 North Brabant
 5612MA, Eindhoven
 Telephone Number - 088 508 0800

 Monday - Sunday: 09:00 - 18:00

Email
 Subject
 Message
 Send

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ERD



Description

The database stores information about all events organized by the client, the visitors (including prospect visitors who have an account on website but have not bought any ticket yet), and the employees who work at the event.

In total, there are 16 entities. The relationships among those entities are also specified in the ERD. The ERD allows us to track:

- visitors coming to each event, whether they are new or have joined any event before, and if they have their own account on the website
- visitors status, if they are checked in, have bought a ticket and/or reserved a camping spot
- top-up transactions of visitors. They can either charge their event account online via website, at gate when buying ticket or by ATM machines on the terrain during the event
- camping spot reservations, whether a visitor has reserved a spot and paid (either online or by the gate), and if a particular spot is still available to reserve
- renting activities including returning items and/ or pay fine for losing/ damaging any of the borrowings
- buying food and drink activities at the shops and/ or by the vending machines
- different levels of employees, and if they works at/ manages the shops

It is also possible to retrieve information about:

- total revenue for the event organizer originated from selling tickets, loaning products, selling food & drink, and leasing camping spots
- total balance of all visitors and total spent money
- total money sold per shop and vending machine
- total amount of a certain product sold