



SETUP DOCUMENT

Project P. Phase – Group 11



MSEvents



Team members:

Dimitar Petrov - 3375471

Kaloyan Dragiev - 3214311

Yanis Dimov- 3258033

Stijn van den Groenendaal - 3441555

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MOTORSPORTEVENTS

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Agreements with client

The following agreements between software company “MotorSport Events” and the client “Mercedes-Benz” made at Eindhoven - Noord brand on 20/02/2018 were made:

- “MotorSport Events” should provide a fully functional software system (website, application, database) to manage the clients car show event
- Before executing the project, “MotorSport Events” should provide a project plan, a setup document and a process report to the client

Processes

The customer should have the following interactions with the system's website:

- Register/Log In
- Deposit money
- Buy ticket
- Book and pay for accommodation

Functional requirements

No.	Requirement
FR. 1	The website user must be able to register an account or log into one
FR. 2	The website user must be able to buy a ticket and book and additional accommodation from the website
FR. 3	The website user should be able to deposit money to an event-account
FR. 4	The application must be able to transfer money between accounts
FR. 5	The application will be able to show statistics about the event
FR.6	The application should be able to alter data in the database
FR.7	The application could make a statistic overview based on retrieved data

Use Case

Name and Scope

- Successful usage of Mercedes-Benz Event website

Primary Actors

- Registered user
- New user

Preconditions

- 1) User has already bought a ticket and has an event-account

Basic Flow

a) New User

1. User views information about the event
2. User buys a ticket and registers himself
3. User views information about the accommodation
4. User adds funds to its event-account
5. User confirms the purchase and checkouts

b) Registered User

1. User logs into his/her account
2. User views current information about the event
3. User adds funds to the event-account
4. User confirms the purchase and checkouts

Alternate Flow

- 1a) User directly buys a ticket and makes a registration
- 4a) User skips adding funds to the event-account

Exception Flows

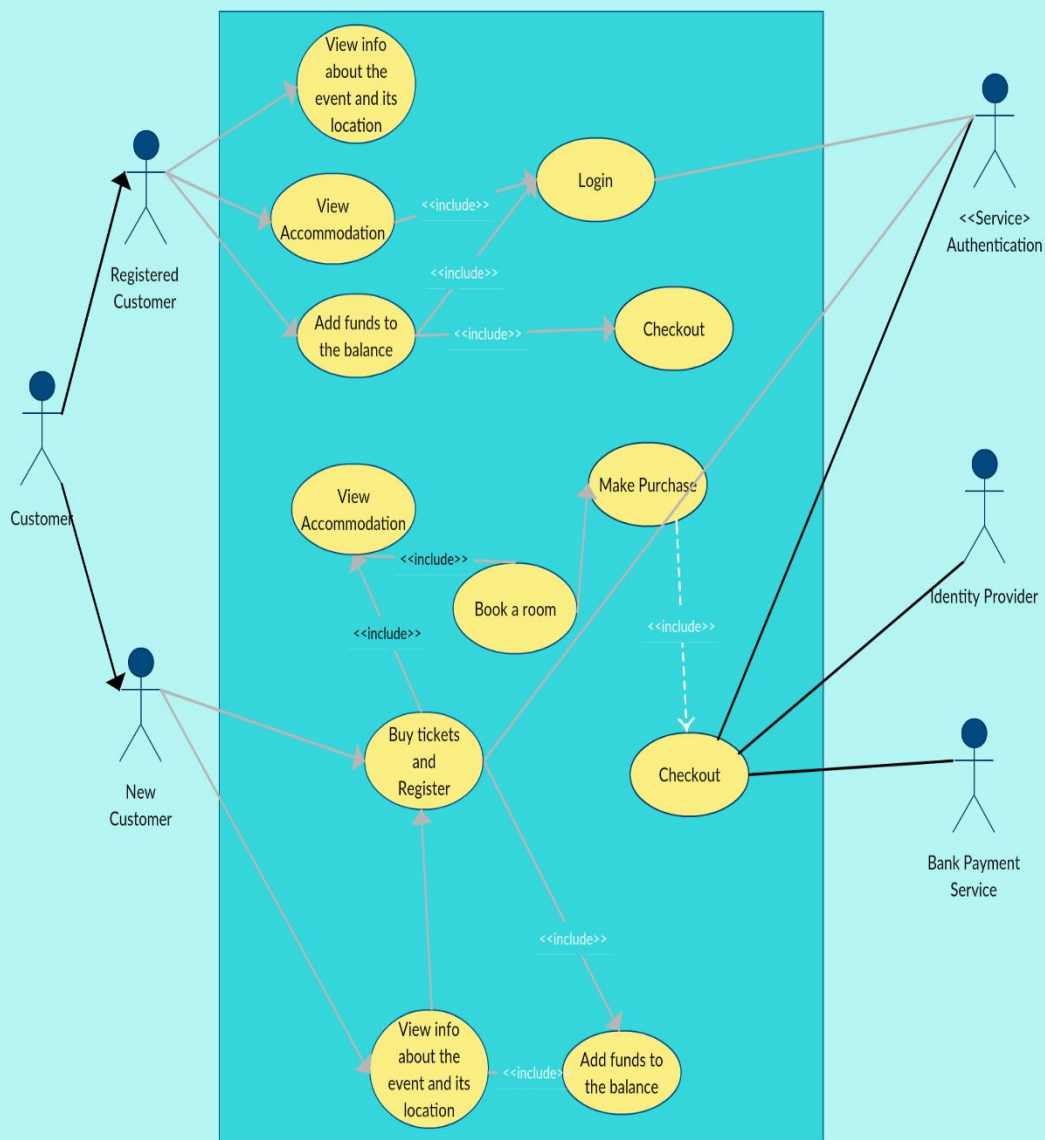
- 2a) User enters wrong details in the registration field
- 4 and 5a) User does not enter correct payment details or abandons the transaction
- 1b) User enters wrong email and password
- 3 and 4b) User does not enter correct payment details or abandons the transaction**

Post Conditions

- 1) User successfully buys a ticket or log in to his/her account
- 2) User successfully chooses an accommodation
- 3) User successfully completes the checkout



Mercedes Event Website System

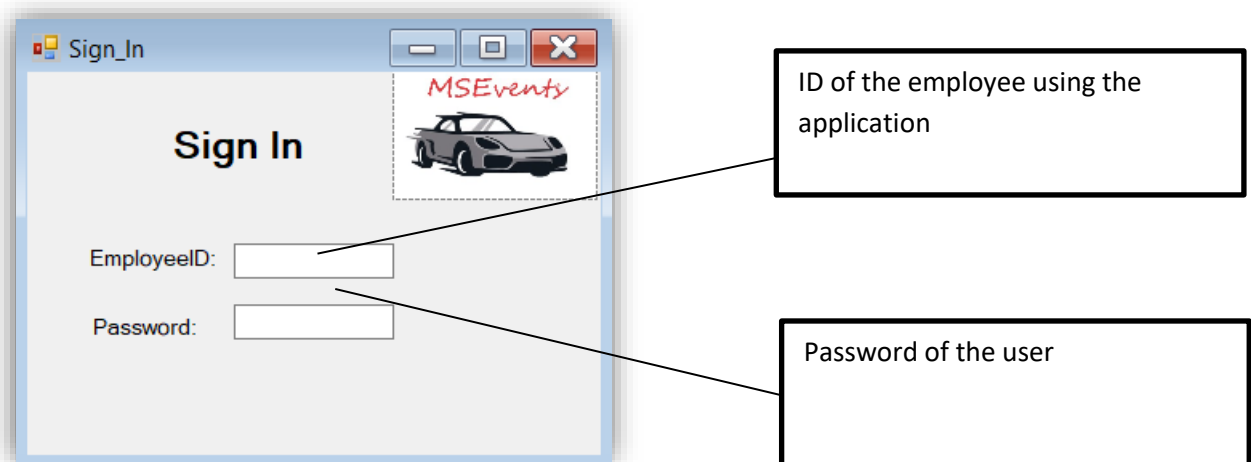


GUI

The system application will be divided into four similar, independent applications – “Restaurant” application, “Materials” application, “ATM” application and “Statistics” application.

Authentication

The first step of the application is to authenticate its user. The authentication system will be integrated in all four applications and it will have the same design.



After successful authentication, now the user can access the functionality of the chosen application

Restaurant application

The “Restaurant” application will have four submenus (red buttons), which are shown in the following pages. From those menus all the desired products could be chosen, which will appear in white textbox. After all desired products(items) are chosen, the customer will scan his event-card on the payment terminal and, if approved, the order could be completed(Check Out button).

Restaurant	
<div>Salads Desserts Meals Drinks</div>	
Cofee	€ 1.99
Caprese salad	€13.00
Total:	€14.99

Remove Item

Scan Card

Status: Approved/ Failed

Card Number: 8462

Cardholder: Ivan Ivanov

Balance: 123512

Do you want to proceed with payment?

Check Out Cancel

If card was authenticated correctly(approved), pressing that button, the order will be completed. Otherwise, the button is disabled

Shows if customers event-card was authenticated

Removes an item from the textbox

Cancels the orders and starts new order (refreshes the program)

“Salads” submenu

The image displays two application windows. The top window, titled "Salads", shows a grid of four salad items, each with a photo, ingredients list, price, and an "Add" button. The bottom window, titled "CreateProduct", is a form for adding new products, with radio buttons for Salad, Meal, Beverage, Dessert, and Material. Annotations with lines point from text boxes to specific elements: one points to the "Add" button of the Artichokes Salad, another to the "Create New Salad" button, and a third to the "Name" text box in the "Create Product" dialog.

Salads

Avocado and Tuna Tapas

Ingredients: white tuna, mayonnaise, bell pepper, balsamic vinegar, garlic, avocado

Price: 17€

Add

Caprese salad

Ingredients: Tomatoes, fresh mozzarella, basil, balsamico, olive oil.

Price: 13€

Add

Artichokes Salad

Ingredients: mixed greens, red onion and artichokes, vinegar and oil dressing

Price: 25€

Add

Ginger steak salad

Ingredients: rib-eye - whole, ginger, garlic, onions, jalepeno, salad greens, olive oil

Price: 30€

Add

Create New Salad

Create Product:

☒ Salad ☐ Meal ☐ Beverage
☐ Dessert ☐ Material

Name:

Price:

Ingredients:

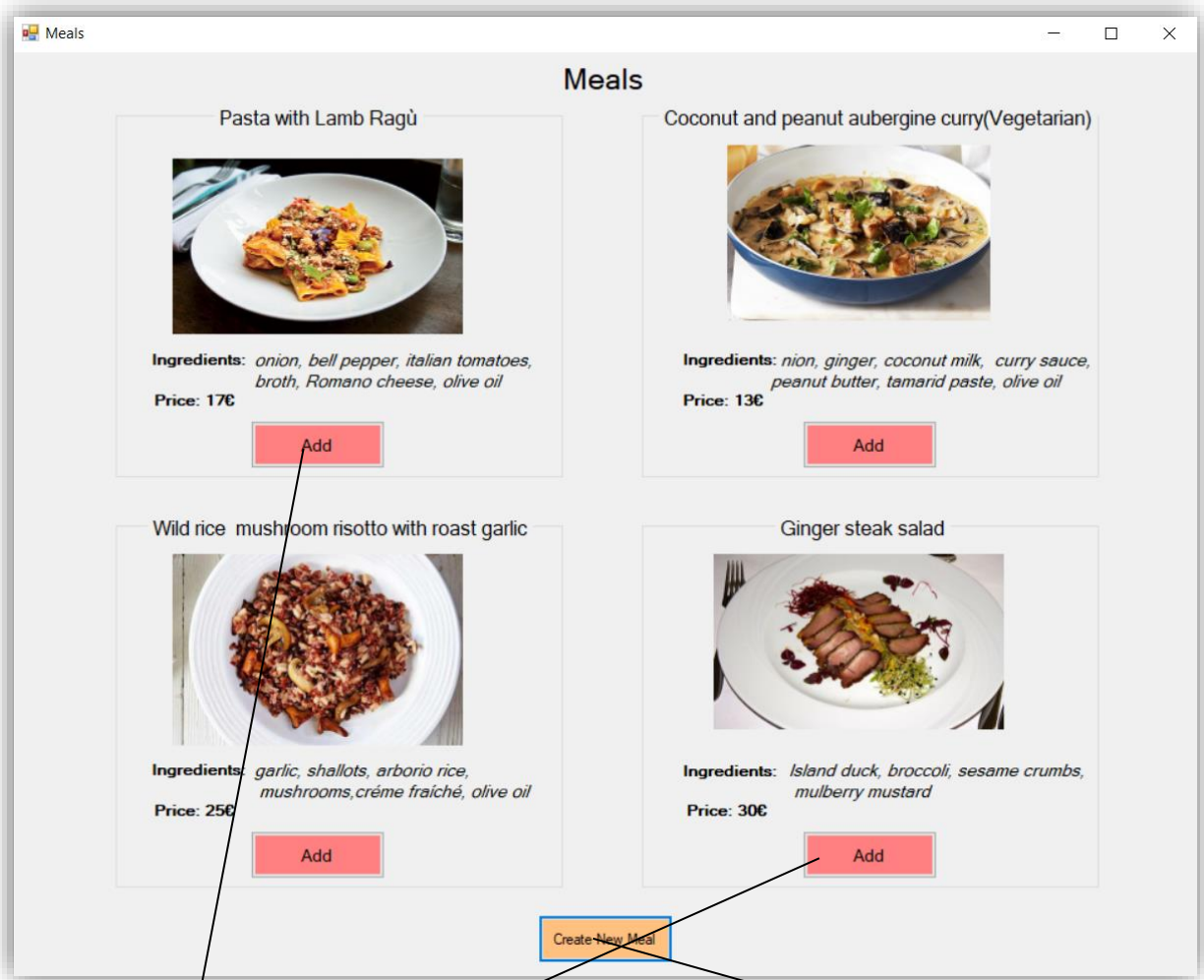
Upload Photo:

Create Product

Opens a new application window where a new salad can be added as an option

Adds the product to the white textbox in the “home” window of the application

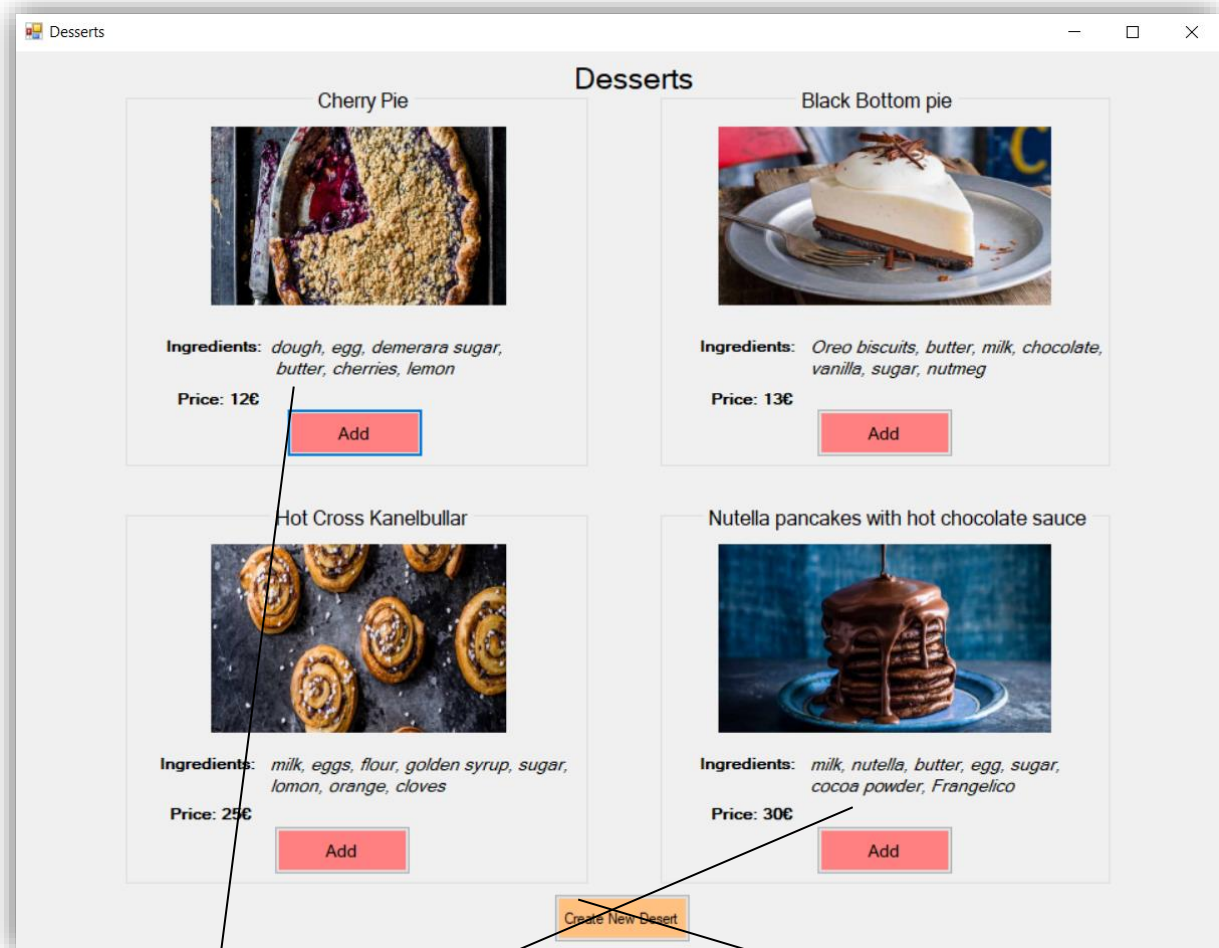
“Meals” submenu



Adds the product to the white textbox in the "home" window of the application

Opens a new application window where a new salad can be added as an option(see page 7)

“Desserts” submenu



Adds the product to the white textbox in the “home” window of the application

Opens a new application window where a new salad can be added as an option(see page 7)

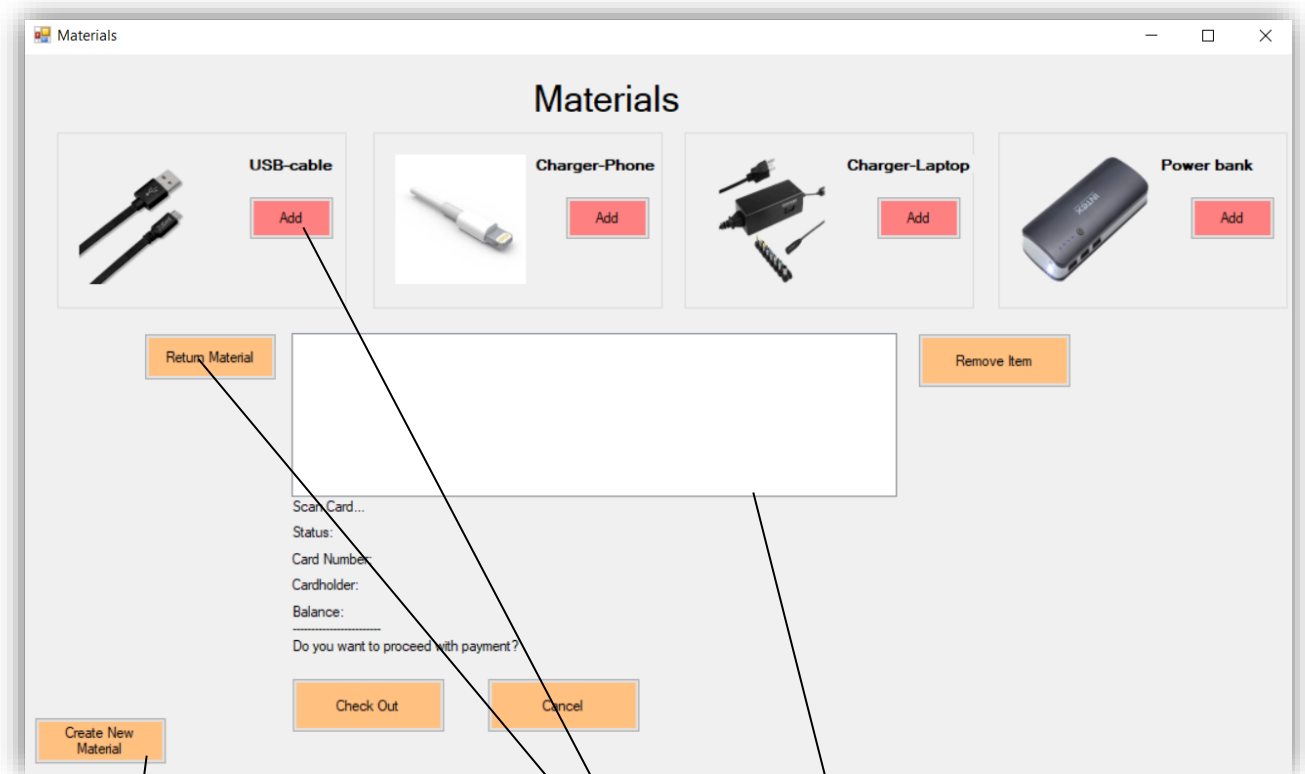
“Drinks” submenu



Adds the product to the white textbox in the “home” window of the application

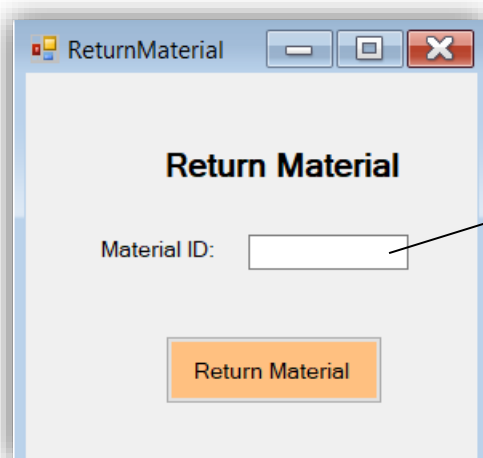
Opens a new application window where a new salad can be added as an option(see page 7)

Materials application



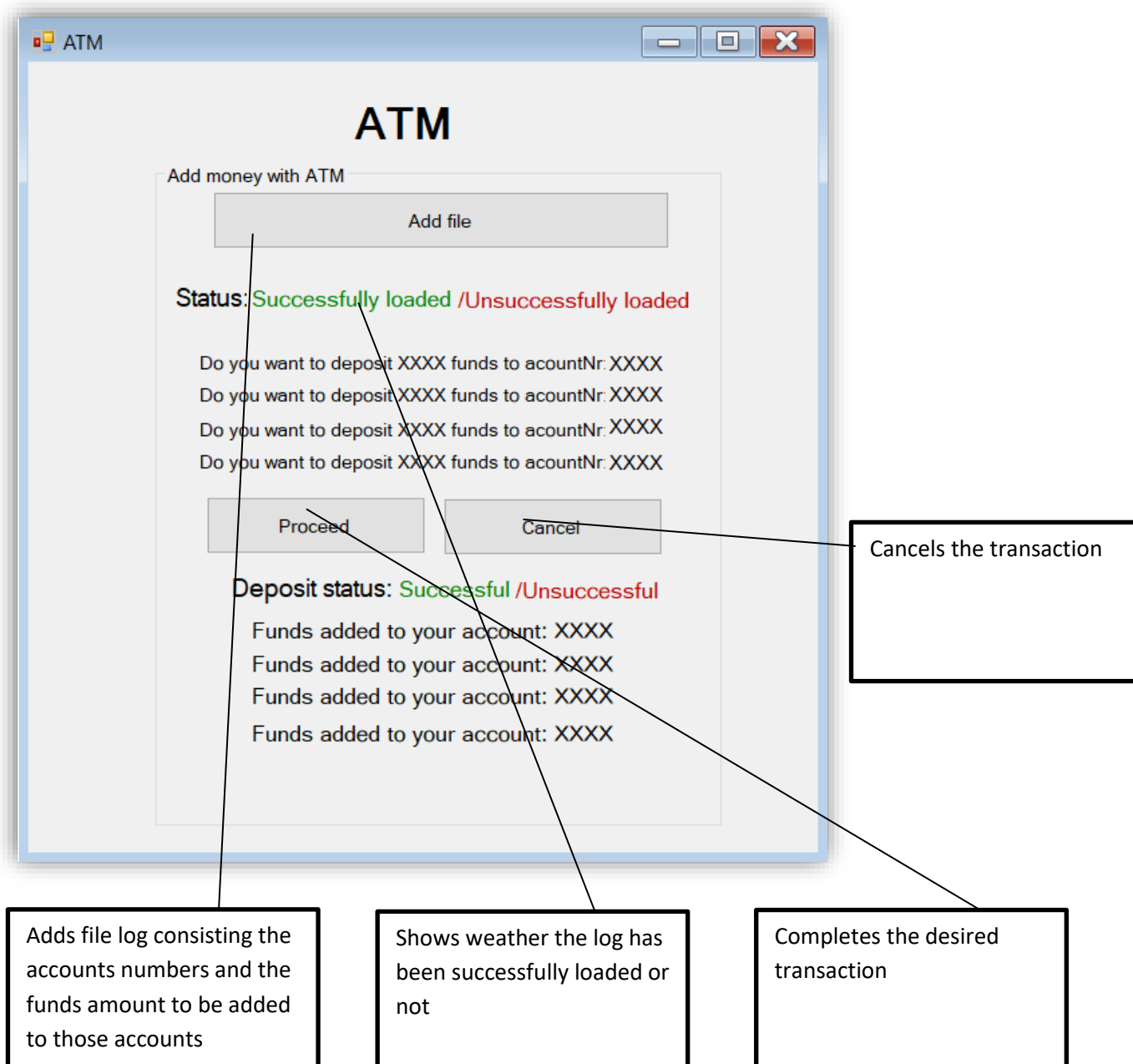
Opens a new application window where a new salad can be added as an option

Adds the material to the white textbox with its price and the total needed to be paid



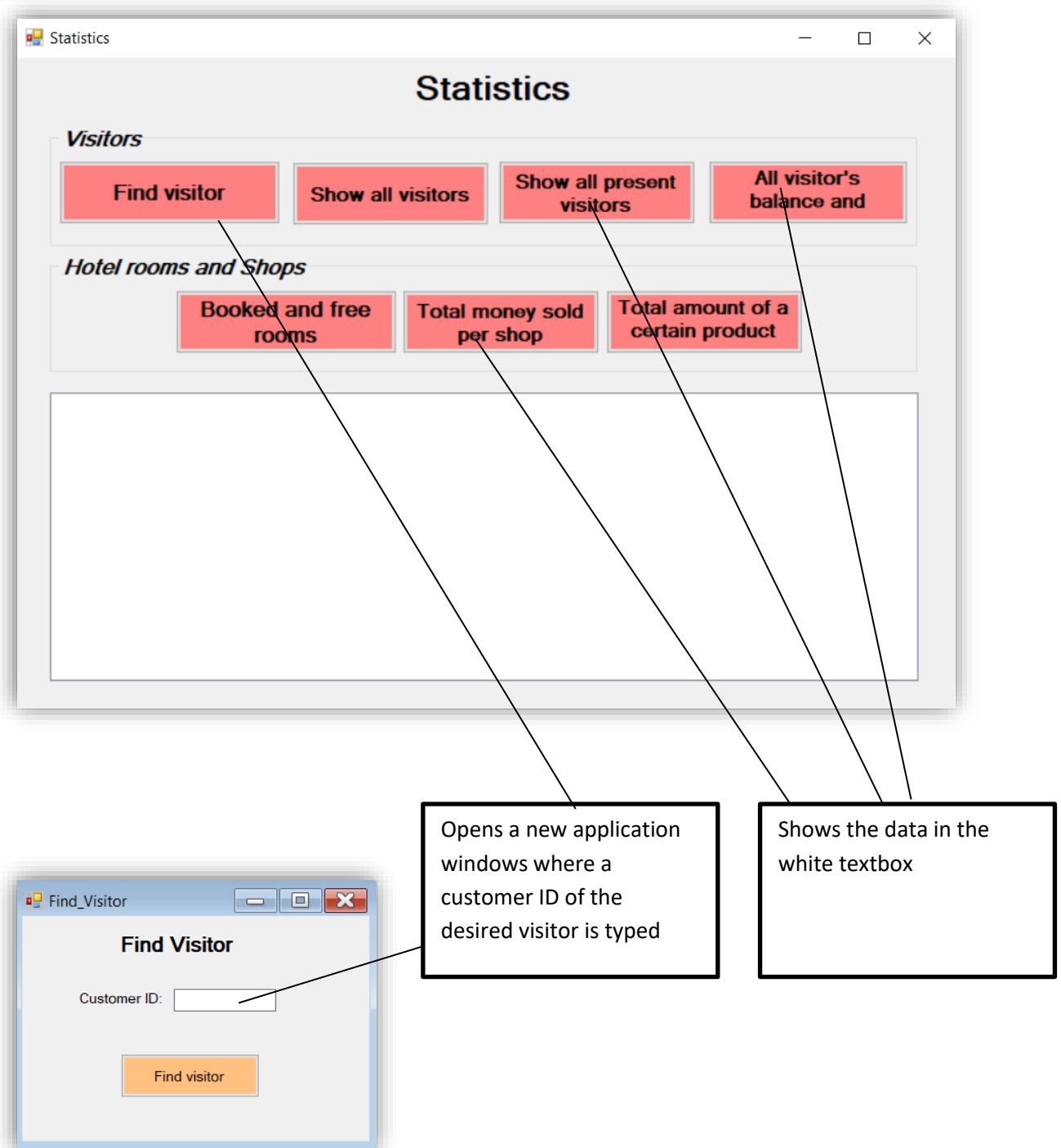
Opens a new application window where a material can be returned (Material ID should be mentioned in the white textbox)

ATM application



Statistics application

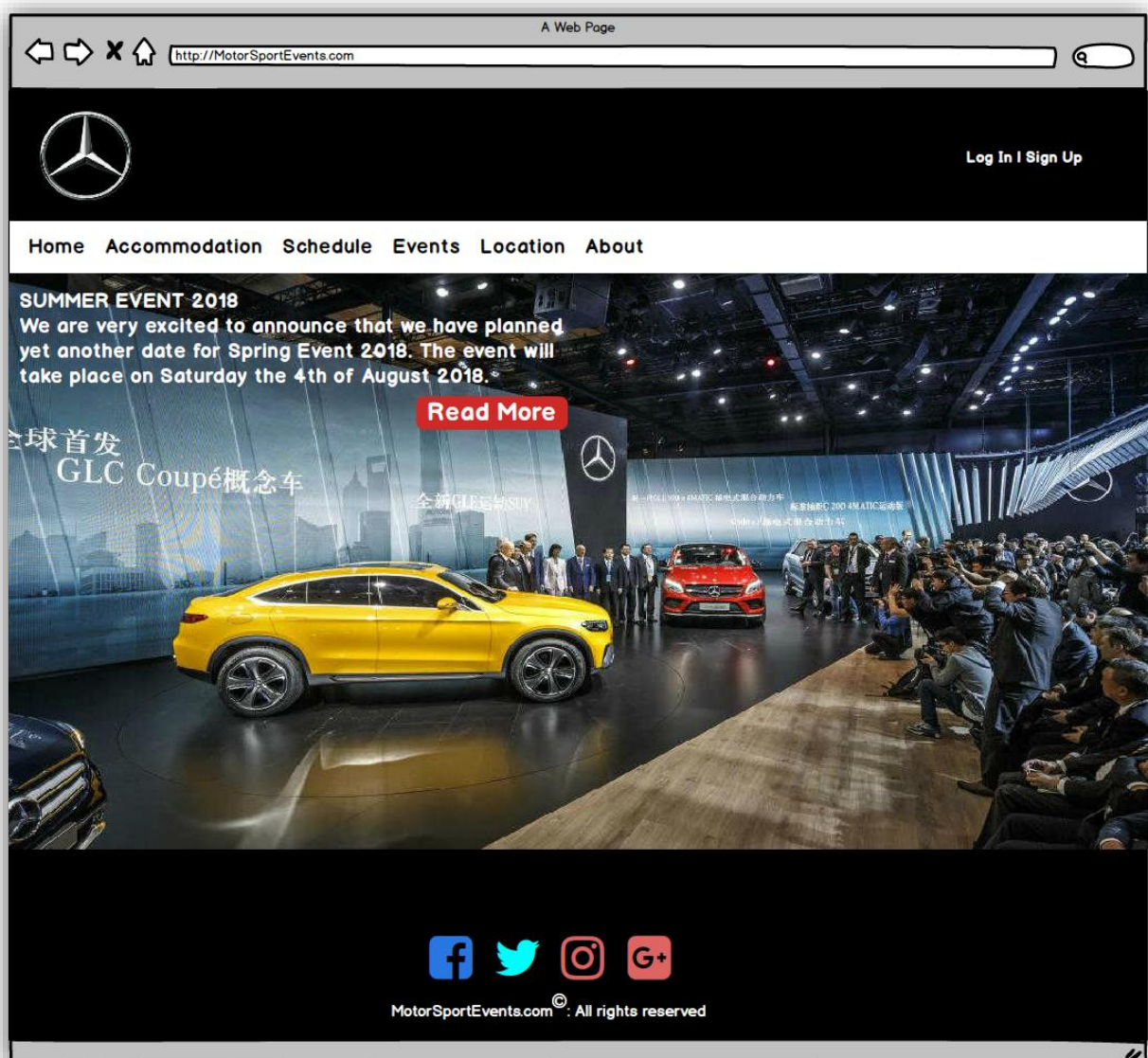
In the statistics application our client, Mercedes-Benz, will be able to track visitors, hotel rooms and shop data. Each button, when pressed, shows the needed information in the white textbox below.



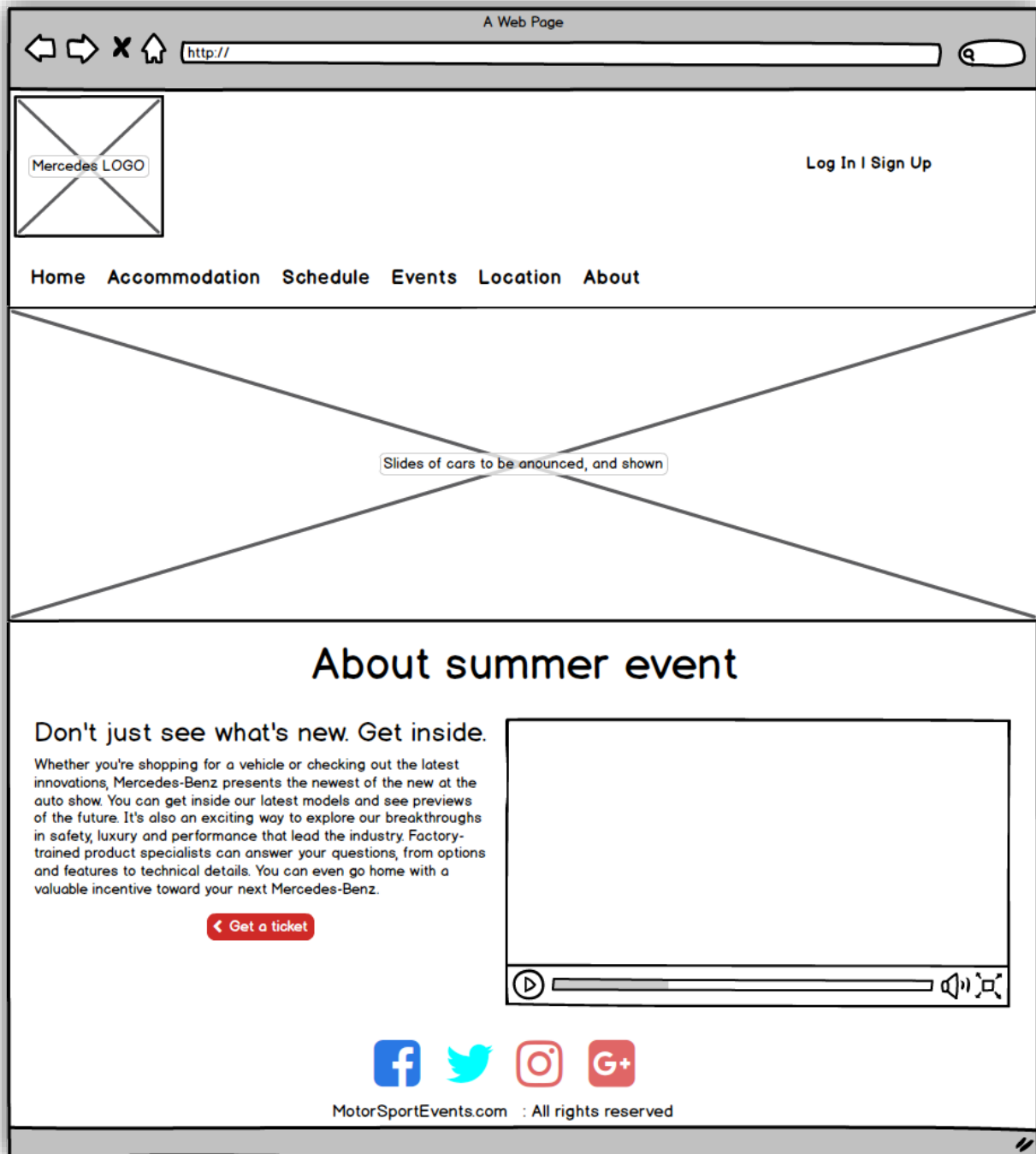
Website wireframe design

For the design of the website we went for a combination of black and white background (Conservative approach) themes to appeal to the target audience. We painted the buttons red to catch the attention of the potential customers.

Home page



About page



Accommodation page

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http://

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Mercedes LOGO

Account | Sign Out

Home

Accommodation

Schedule

Events

Location

About

Standart - Private room

The room has Wi-Fi, bed, bathroom with a shower, air conditioning and a TV. Room size: 16m2. Bed size: 160cm

Participant Id:

Total Stay:

30.00€

Select Room

Group - Shared room

The room has Wi-Fi, bed, bathroom with a shower, air conditioning and a TV. Room size: 100m2. Bed size: 160cm

Choose up to 4 more Group members:

Participant Id (master):

Participant Id:

Participant Id:

Participant Id:

Participant Id:

Total Stay:

150.00€

Select Room

President Room

The room has Wi-Fi, kingsize bed, bathroom with a shower and bath, air conditioning and a TV, includes room service. Room size: 120m2. Bed size: 200cm

Choose up to 2 more Group members:

Participant Id (master):

Participant Id:

Total Stay:

170.00€

Select Room

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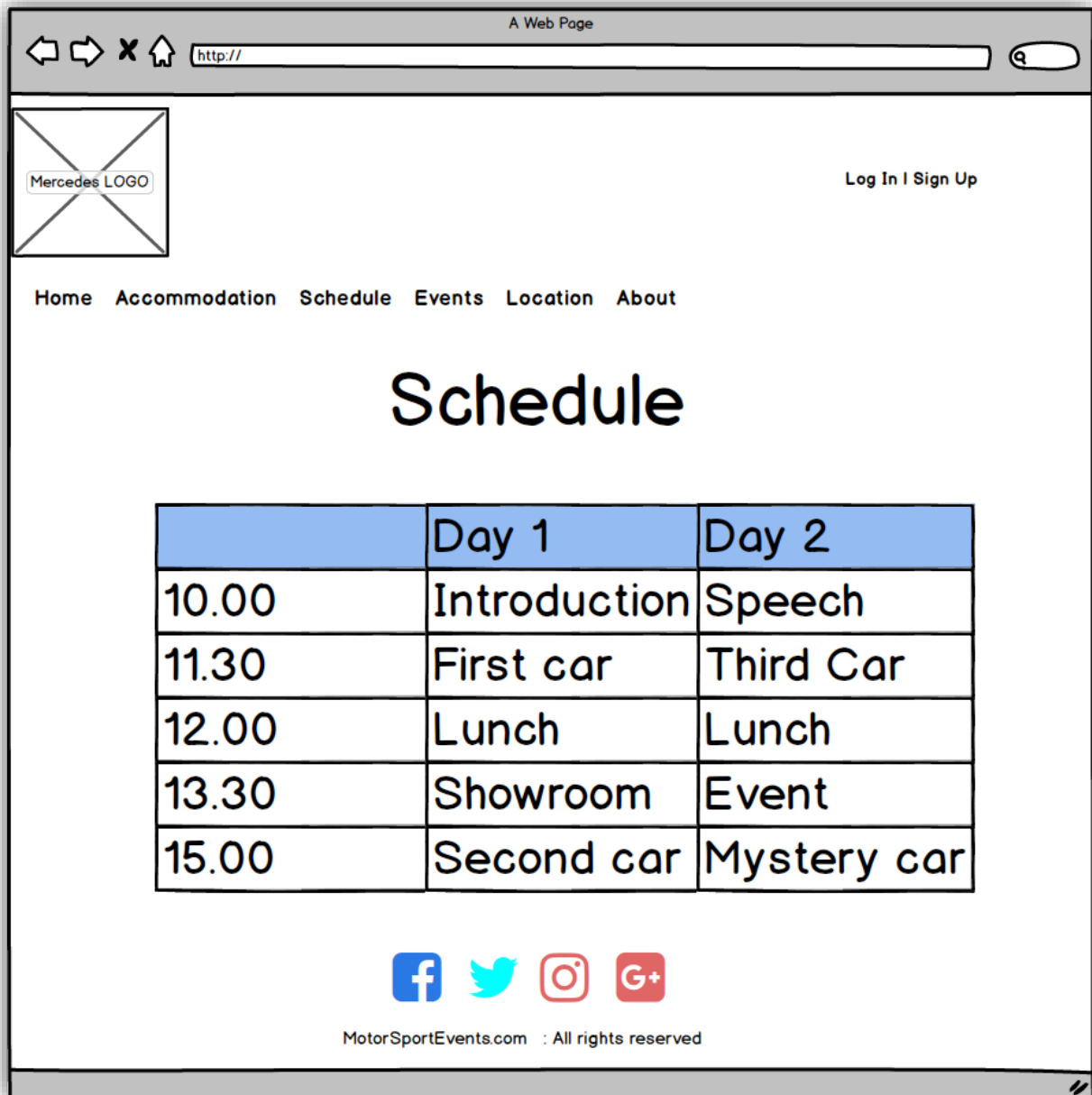
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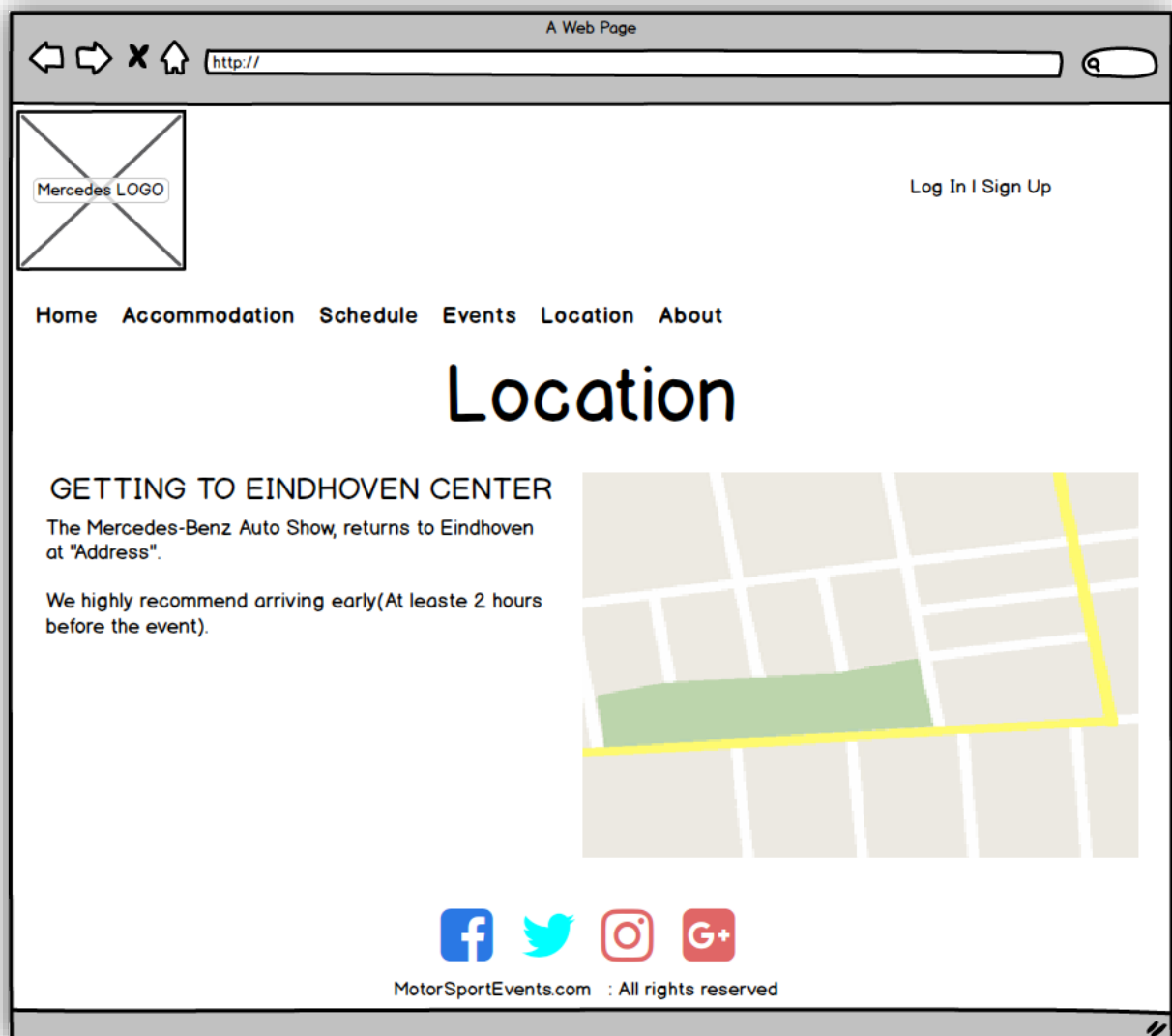
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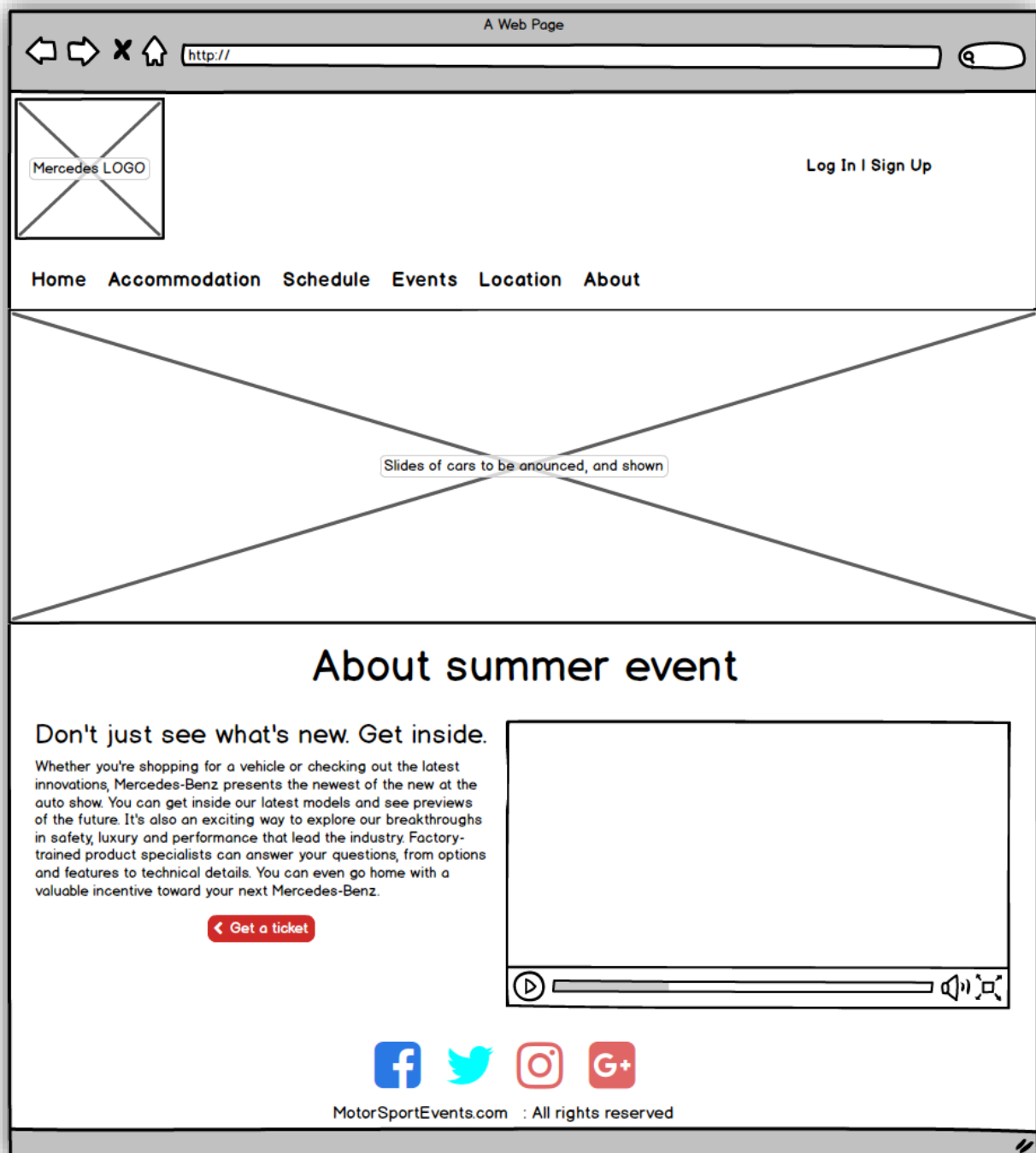
Schedule page



Location page



About page



Account page

A Web Page

←

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http://

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Mercedes LOGO

Account | Sign Out

Home

Accommodation

Schedule

Events

Location

About

Welcome "FirstName LastName". Here
you can add funds into your Event-
Account

Account

Balance: \$ 0.00

Add funds:

Add funds

First Name:

Accommodation:

Last Name:

Accommodation Members:

Member 1 ▾

Age:

Events

Event 1 ▾

Email:

Change Password

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Events page



ERD design

