

Project Plan

Website Food ordering Website

Contents

1. Overview	3
2. Goals and Scope	3
2.1 Website Goals	3
3. Development	3
3.1 Development Environment	3
3.2 UI-Design	4
3.3 Development Process	4
3.4 Quality Assurance	4
4. Functionality	5
5. Mockups	6
5.1 Home + Primary search	7
5.2 Search	8
5.3 Caterer profile and product listing	10
5.4 Cart	11
5.5 Checkout	12
5.6 Caterer registration	13
5.7 Caterer Backend profile	13
5.8 Caterer Backend product editor	13
5.9 Admin Backend	13
6. Communication and Reporting	13
7. Data model (work in progress)	13
8. Milestones	14
9. Delivery Plan	14
9.1 Deliverables and Receivers	14
10. Security Aspects	14
11. Revision	15

1. Overview

We are planning an online platform to order finger food online which is an important part of social culture when doing businesses and meeting good friends (Birthday or other celebrations). Such a event normally consists of fingerfood of any kind and some alcoholic beverages (beer or wine). Users can search for their location and quickly check which caterer is available in their region and see what they offer to order. User can then select the desired products and place the order (either using an existing account, create an account or order as guest without creating/using an account. Caterer can register themselves on the page and edit/manage their products from the caterer backend (special login).

2. Goals and Scope

2.1 Website Goals

Objective / Goal		Description
1.	Website design must be aesthetically pleasing and convey an impression of modernity	
2.	Users must be able to navigate and orient easily	Site must follow UI standards, render properly on all major browsers and operating systems as well as one mobile devices
3.	Site must be easy to maintain	Site structure will allow non-technical staff to update content; dynamic elements will be managed through user-friendly forms
4.	Site must be robust and perform well	Use a common PHP framework to provide modern design pattern.
5.	Site content must be comprehensive and accurate	Content will be entered and proofed for every page specified in the site map (by client)

3. Development

3.1 Development Environment

The developer defines upfront which technologies, frameworks and libraries should be used. The website architecture must be based on a commonly-used PHP-framework. The DBMS is MySQL. Any other choice of

technology must be reviewed by the principal. The PHP-framework supports a MVC-architecture and offers the possibility to strictly separate source code and HTML/CSS-templates (Template-Engine).

Item	Applied for / Purpose
Frameworks	
Stripe	Payment
Paypal	Payment
Mailchimp	Mail automation / Newsletter subscription
Languages	
PHP	Backend
Angular (x)	Frontend
MySQL	Database

3.2 UI-Design

The user interface is designed by the developer and based on a common responsive system (i.e. Twitter Bootstrap) to allow an easy-customizable mobile-responsive Version. Modern best practices are considered during the development process. Using Angular to create a modern Frontend experience.

3.3 Development Process

- Source control / Versioning using Git.
- Weekly Git commit or in shorter period after committing new features to deploy on our test server.
- Proper and clean source code documentation

3.4 Quality Assurance

Testing is done by the developer and the contractor. Unit-Tests are not needed. The main goal is to have a working prototype as soon as possible and extend it after testing the market. Extension is further be related s Version 1.5.

4. Functionality


Feature	Requirements / Description
<input type="checkbox"/> User registration	User registration by email and password. User receives welcome email (HTML template). Email is automatically added to Mailchimp Automation, especially the caterer account to send follow-up mails. Allow sending vouchers for customers who haven't order something recently
<input type="checkbox"/> Multilingual	Default language will be German but developer should already integrate a common translation technology while development process (e.g. I18n). Translation switch allowing users to change their frontend and backend language will be implemented in the next major version (1.5)
<input type="checkbox"/> Search	Search the website for location (ZIP+City or get current Location on Mobile), delivery date and number of persons. The idea is that caterer needs to set much time it takes to either create food for 1-5 persons, 6-10, >10) or if his is not capable of serving this many customers at once.
<input type="checkbox"/> Cart	
<input type="checkbox"/> Voucher	Allow entering voucher codes during Checkout (Percentage, or fixed price discount)
<input type="checkbox"/> Checkout	Create Account, Login or order as Guest (all on the same page)
<input type="checkbox"/> Contact Us	Contact form
<input type="checkbox"/> Subscription email lists & newsletter	Users are to be able to subscribe and unsubscribe to email lists and e-newsletter (Mailchimp), List for caterers and a list for common users
<input type="checkbox"/> Mobile-responsive Design	Website template allows mobile responsiveness.
<input type="checkbox"/> UX	The modern user experience is crucial for the success of this project. Frontend communicates through REST calls with backend.
<input type="checkbox"/> Payment	Online payments using Payment-API. Allow payments by credit card (Stripe.com) and Paypal. Order can also be placed with cash payment on delivery. Caterer needs to transfer the order fee by themselves (using bank transfer / invoices using internal accounting software)

Feature	Requirements / Description
<input type="checkbox"/> FAQ	<i>Website section for frequently asked questions using categories for each entry (For instance Delivery, payment etc). Categories and FAQ entries can be created in the AdminBackend.</i>
<input type="checkbox"/> Caterer Backend	<i>Manage products and orders</i>
<input type="checkbox"/> AdminBackend	<i>Backend to manage the entire website (such as texts, FAQ, etc.).</i>

5. Mockups


The following chapters show website mockups for the major functionality of the page. This can vary during the development process in cooperation with testing peer groups etc. In addition to the following mockups, the site or the website backend should also allow publishing content websites (plain text/HTML) for pages like imprint, data protection regulations etc. (CMS).

5.1 Home + Primary search



[Apero bestellen](#) [Hilfe](#) [Login / Registrieren](#)





Anlassgrösse ▾

Lieferdatum 

[Apero-Anbieter finden](#)


Apero online bestellen

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla quam velit, vulputate eu pharetra nec, mattis ac neque. Duis vulputate commodo lectus, ac blandit elit tincidunt id. Sed rhoncus, tortor sed eleifend tristique, tortor mauris molestie elit, et lacinia ipsum quam nec dui. Quisque nec mauris sit amet elit iaculis pretium sit amet quis magna. Aenean velit odio, elementum in tempus ut, vehicula eu diam. Pellentesque rhoncus aliquam mattis. Ut vulputate eros sed felis sodales nec vulputate justo hendrerit. Vivamus varius pretium ligula, a aliquam odio euismod sit amet. Quisque laoreet sem sit amet orci ullamcorper at ultricies metus viverra. Pellentesque arcu mauris, malesuada quis ornare accumsan, blandit sed diam.

<div>Apero</div> <div>Italienisch</div> <div>Mediterran</div> <div>Tapas</div> <div>Desserts</div> <div></div>	<div>Kontakt</div> <div>FAQ</div> <div>Hilfe</div> <div></div> <div>Impressum</div> <div></div>	<div>Für Caterer</div> <div>Anmelden</div> <div>FAQ</div> <div>Caterer-Verzeichnis</div> <div> </div> <div> </div>
--	---	--

ZIP or City search uses autocomplete function allowing user to quickly set the according location. ZIP index with Cities will be provided. User selects the number of persons to be served and when the catering happens (delivery date).

5.2 Search



[Apero bestellen](#)[Hilfe](#)[Login / Registrieren](#)




Filter

Küche


☒ Japanisch ☒ Spanisch

☒ Italienisch ☒ Schweizerisch

Anlassgrösse


  

Lieferdatum




4/22/2012 

[Suchen](#)

Apero-Anbieter in 9000 St. Gallen




Spitzen-Apero Caterer
Bahnhofstrasse 18, 9000 St. Gallen




  

★★★★★
7 Bewertungen

[Bestellen](#)




Super Mega- Apero Caterer
Haldenstrasse 18, 9000 St. Gallen




  

★★★★★
7 Bewertungen

[Bestellen](#)



King Apero
Hubstrasse, 9500 Wil

★★★★★
7 Bewertungen

[Bestellen](#)

Apero

Italienisch

Mediterran

Tapas

Desserts

Kontakt

FAQ

Hilfe



Impressum



Für Caterer

Anmelden

FAQ

Caterer-Verzeichnis

The search page shows all available caterer for the requested query (ZIP+Location, Number of Persons and delivery date) and must automatically filter the available caterer. On the left side is an autofilter section, where user can interactively change their filter criteria and result list is refreshed (using Ajax or similar). The Number


of Persons should be displayed using different image buttons (Button 1: 1-5 persons, button 2: 6-10 persons, etc. (tbd)).


5.3 Caterer profile and product listing



[Apero bestellen](#)
[Hilfe](#)
[Login / Registrieren](#)


Apero-Anbieter in 9000 St. Gallen




Spitzen-Apero Caterer
 Bahnhofstrasse 18, 9000 St. Gallen


★★★★★
 7 Bewertungen

[Herkunftshinweise](#)



Kategorie 1



Label
 Label
 Label
 Label
 Label

1

▲▼

🛒

1

▲▼

🛒

1

▲▼

🛒

1

▲▼


🛒

1

▲▼

🛒

Kategorie 2



Label
 Label
 Label
 Label

1

▲▼

🛒

1

▲▼

🛒

1

▲▼

🛒

1

▲▼

🛒

Bestellung

Lieferdatum

4/22/2012





📅▼

2x Produkt 1	10.15	✕
1x Produkt 1	20.20	✕


Total **10.15**

Bestellen


Herkunftshinweise: Fleisch: Schweiz, Geflügel: Schweiz (Bio)


<div>Apero</div> <div>Italienisch</div> <div>Mediterran</div> <div>Tapas</div> <div>Desserts</div> <div></div>	<div>Kontakt</div> <div>FAQ</div> <div>Hilfe</div> <div></div> <div>Impressum</div> <div></div>	<div>Für Caterer</div> <div>Anmelden</div> <div>FAQ</div> <div>Caterer-Verzeichnis</div> <div>   </div> <div>   </div>
--	---	--


5.4 Cart


	Apero bestellen	Hilfe	Login / Registrieren
---	---------------------------------	-----------------------	--------------------------------------


Ihr Warenkorb bei Spitzen-Apero Caterer

Lieferdatum 



2x Produkt 110.15 



1x Produkt 120.20 




Total10.15

[Bezahlen](#)


Gutschein einlösen

[Gutschein einlösen](#)

[Bezahlen](#)

<table><tr><th>Apero</th></tr><tr><td>Italienisch</td></tr><tr><td>Mediterran</td></tr><tr><td>Tapas</td></tr><tr><td>Desserts</td></tr><tr><td></td></tr></table>	Apero	Italienisch	Mediterran	Tapas	Desserts		<table><tr><th>Kontakt</th></tr><tr><td>FAQ</td></tr><tr><td>Hilfe</td></tr><tr><td></td></tr><tr><td>Impressum</td></tr><tr><td></td></tr></table>	Kontakt	FAQ	Hilfe		Impressum		<table><tr><th>Für Caterer</th></tr><tr><td>Anmelden</td></tr><tr><td>FAQ</td></tr><tr><td>Caterer-Verzeichnis</td></tr></table> <div></div>	Für Caterer	Anmelden	FAQ	Caterer-Verzeichnis
Apero																		
Italienisch																		
Mediterran																		
Tapas																		
Desserts																		
Kontakt																		
FAQ																		
Hilfe																		
Impressum																		
Für Caterer																		
Anmelden																		
FAQ																		
Caterer-Verzeichnis																		


5.5 Checkout





[Apero bestellen](#)[Hilfe](#)[Login / Registrieren](#)

Ihr Warenkorb bei Spitzen-Apero Caterer

1 Apero-Bestellliste

Ihre Adresse 

	2x Produkt 1	10.15
	1x Produkt 1	20.20
Total		10.15

2 Ihre Adresse

Firma:

Vorname:

Name:

Strasse:

PLZ:

Ort:



☒ Lieferadresse entspricht Rechnungsadresse


Login für bestehende Kunden

E-Mail


Passwort [Login](#)

3 Zahlung

☒   Kreditkarte (Stripe)

☐  Paypal

☐ Barzahlung bei Lieferung



Bei Zahlungen mit Post- oder Kreditkarte wird Ihnen ein Zuschlag von 2.4 % auf den Gesamtbetrag im Warenkorb verrechnet. Die Zahlungen werden über die SSL-verschlüsselte Seite des externen Anbieters abgewickelt

Bemerkungen

☒ Ich akzeptiere die [AGB](#)

[Bestellen](#)

Apero
Italienisch
Mediterran
Tapas
Desserts

Kontakt
FAQ
Hilfe
Impressum

Für Caterer
Anmelden
FAQ
Caterer-Verzeichnis
 
 

5.6 Caterer registration

Done via additional link on the login page. Caterer needs to accept Contract (simply load a HTML template into a Lightbox) to accept certain regulations and the fee deducted during the ordering process. Everyone can register as caterer, however the caterer account must be approved by an admin using the AdminBackend.

Catering registration is done by using a wizard with single steps ("Step 1 – General Information, ...). For some input fields there must be a tool tipp available (for instance by using button with a question mark right of the input box with further information what is expected to be entered in this field.

5.7 Caterer Backend profile

Tbd.

5.8 Caterer Backend product editor

Tbd

Caterer can create packages (link existing products) and set a price.

All products can have a discount price.

System allow different product types (simple product, customizable product, package).

5.9 Admin Backend

User/Caterer Management, order system, content management system for additional pages (imprint, etc).

6. Communication and Reporting

The developer provides Skype user account, or similar IM-system for reporting development status, progress information, unexpected problems etc. We use Jira to communicate, track issues, bugs, features. We expect a very professional and quick communication.

7. Data model (work in progress)

Tbd

8. Milestones

ID	Title	Description	Deadline
01	Data Model	Create entities according to the data model.	
02	AdminBackend	List all available users, caterers, orders (display and delete entities, editors are done in a further milestone)	
03	Frontend Design	Create and map the first version of the frontend and display CMS pages.	
04	Register as Users	User registration, send Welcome HTML mail, Password lost function and send Mail to reset Password.	
05	Register as Caterer	Wizard to create a caterer account and allow approving the account using the AdminBackend	

9. Delivery Plan

9.1 Deliverables and Receivers

DL	Live-Deadline, Project online and publically available	2016 Q2/Q3
----	--	------------

The entire source code including libraries has to be handed over to the contractor after finishing contact. This applies also for the case, the contact is being cancel during the project.

10. Security Aspects

The website handles sensitive user data and therefore needs to make sure, the site takes countermeasures and prevents weaknesses using secure software engineering technics. The website follows state-of-the-art best practices regarding safety, security and of the website data and protecting it against vulnerabilities. This measures include (list is not conclusive):

- HTTPS-support (SSL)
- Passwords stored as Hash-Value
- Preventing known website vulnerabilities e.g. Cross Site scripting (XSS), Cross site Request Forgery (CSRF), SQL-Injection. See Open Web Application Security Project (OWASP) for further details.

11. Revision

Rev. ind.	Page (P) Chapt. (C)	Description	Date Dept./Init.
1	---	original version	2016-05-20
2			