

Draft for an automated Pre-CheckIn for hotels

Main concept:

- The guest makes a reservation in a hotel per phone or via an internet platform (bookings.com, etc.).
- The PMS-system sends all needed data via a webservice to the pre-CheckIn-system and gets back the token for the link
- A confirmation-mail is send to the guest including the individual generated link with a token for this booking. A function for email templets must exist.
- If the gues click on the link he have to confirm the login with the bookingnumber and the arrival-date. The bookingnumber can be prefilled. Optinal, if the hotel want more security, the surname can also be required for login.
- Once logged in, the guest fills all missing data like birthdate, additional guests and such things and confirm this.
- The PMS ask for this data in regular intervals via webservice.
- Additional information is presented to the guest on the webpage
- The site should be international with different languages. First, english and german are enough.
- Of course, all things should be full responsive and mobile friendly.

Here is an example from a concurrent company:





Part 1 – Pre-Check-In











First the login after clicking on the link:

The screenshot shows a web browser window with the URL https://guestapp.casablanca.at/a_5771_vorderriedhof/comp1/login/3128501486?redirect=%252.... The browser's address bar also shows 'Keine Synchronisierung' and a user profile icon. The main content area displays a login form for 'DAS Stoberberg LEOGANG'. The form has the following fields and elements:

- Logo: 'DAS Stoberberg LEOGANG' in a stylized blue font.
- Field: 'Buchungsreferenz' with the value '3128501486'.
- Field: 'Nachname' (Last Name).
- Field: 'Anreisedatum*' (Arrival Date) with a calendar icon.
- Language selection: A dropdown menu showing 'Deutsch' (German) and 'Englisch' (English).
- Button: 'LOGIN' with a right arrow icon.

After login the first point is an overview over the booking details and a button for the „Pre-Check-In“:



My Booking
Weather
Arrival
Grillplausch
Picknickkorb
Dining Options
Booking Information
facebook
tripadvisor
Holidaycheck

Booking Details

Reference: 3128501486
Guest: Steffen Diemer

Arrival

→

Departure


Monday, August 2, 2021

Tuesday, August 3, 2021

Summary



Rooms in this reservation
1x "Stoa-Heimat" Double Room

People in this reservation
2x adults

Pre-Check-In incomplete 

Total cost of your stay **148,90 €** [» GO TO PRE-CHECK-IN](#)

"Stoa-Heimat" Double Room



Arrival: Aug 2, 2021
Departure: Aug 3, 2021
Nights: 1
Adults: 2
Rate: ÜF Booking.com 1-2 Nächte

Description

16 – 23 m2 (170 to 250 sq ft) | Sleeps up to 2 persons

The double room for 2 persons is on the first floor. Facilities: double bed, wardrobe, desk, armchair, bathroom with shower and toilette, hair-dryer, towel warmer in the winter, shower gel and soap, free W-LAN, safe, flat screen TV, cuddly bathrobe for the whole stay

Rates

2x Adult

ÜF Booking.com 1-2 Nächte Aug 2, 2021 - Aug 3, 2021	144,90 €
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Services

2x Ortstaxe	4,00 €
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Total room price148,90 €

If the guest click on the „Pre-Check-In“-Button, he can enter all detail-data:

Pre-Check-In
Booking Reference: 3128501486
Reserved by: Steffen Diemer

"Stoa-Heimat" Double Room
8/2 - 8/3/2021
16 – 23 m2 (170 to 250 sq ft) | Sleeps up to 2 persons

The double room for 2 persons is in the first floor. Facilities: double bed, wardrobe, desk, armchair, bathroom with shower and toilette, hair-dryer, towel warmer in the winter, shower ge

CONTINUE READING

Steffen Diemer
Adult
8/2 - 8/3/2021
SWAP ENTER

guest
Adult
8/2 - 8/3/2021
SWAP ENTER

SAVE

Edit data of the first guest:

Adult
8/2/2021 - 8/3/2021

Manual Fill Out Per Hand

Personal data I AM NOT STEFFEN DIEMER

Salutation: Herr title: First name*: Steffen Surname*: Diemer birthday*:
e-mail*: Phone number:

address

Country*: Deutschland address*: Waldstr. 26 Postcode*: 74867 city*: Neunkirchen

Privacy policy

← BACK ← SAVE & BACK SAVE & NEXT GUEST

It should be configurable for each hotel, which fields are mandatory. Also maybe an option for 3-4 additional custom fields.

On Click on „Privacy Policy“ a modal form with an individual text for each hotel is shown.

The screenshot shows a web application interface with a sidebar on the left containing icons and labels for 'My Booking', 'Weather', 'Arrival', 'Grillplausch', 'Picknickkorb', 'Dining Options', 'Booking information', 'facebook', 'tripadvisor', and 'Holidaycheck'. The main content area is titled 'Adult'. A modal form titled 'Information on data protection' is displayed in the center. The modal contains the following text:

Information on data protection

Registration data guest

As a guest, you are obliged under the Austrian Registration Act to register with us using the data specified in § 5 and § 10 of the Registration Act. The following data are affected: Name, date of birth, gender, nationality, country of origin, address including postcode, arrival and departure dates; In the case of guests from abroad, the specification of the travel document (type, number, date of issue, issuing authority) is mandatory. We will keep this data in a guest directory due to the legal obligation imposed on us in accordance with § 19 Registration Act Implementation Ordinance and store it for a period of 7 (seven) years, unless the data is longer for other purposes mentioned in this data protection declaration processed (e.g. you may have given your consent to receive marketing promotions).

The data for arrival and departure in connection with the country of origin are forwarded to the municipality in which our accommodation is located in accordance with Section 6 of the Tourism Statistics Ordinance. The respective tourist association (TVB) to which we belong and / or the municipality must also be provided with aggregated data on the number of overnight stays and the people who are obliged to pay the tourist tax. This is done on the basis of the local residence tax law. The relevant processing is based on Art. 6 Para. 1 lit. c GDPR.

In addition, we forward the zip code you have given (in pseudonymised or anonymised form) to the respective tourism association (TVB) and / or the respective municipality for statistical purposes for the creation and evaluation of origin statistics by the TVB. This forwarding is based on Art. 6 Para. 1 f GDPR. You can, however, submit an objection to your accommodation provider at any time.

For electronic guest directories: The guest directory is kept electronically by us, whereby we forward the data to a processor for this purpose. With this the data will be saved. A transfer to a third country does not take place under any circumstances.

Newsletter / mailing

If the user gives his / her consent, he / she agrees that his / her above-mentioned personal data, namely name, email address, home address, date of birth, interests, for the purpose of advertising offered products through marketing campaigns of various kinds (sending Newsletters by e-mail or advertising material by post) are processed by us. If the above data is changed and / or supplemented in the course of a communication process, the changed and / or supplemented data will be processed by the operator. By filling in the voluntary data fields, the user consents to the processing of this data. These consents can be revoked at any time, e.g. by e-mail to hotel@das-stoaberg.com

CLOSE

At the bottom of the modal, there are three buttons: '← BACK', '← SAVE & BACK', and 'SAVE & NEXT GUEST'.

After entering all required data, a confirmation is shown:

The screenshot shows the same web application interface as before, but the modal form is now a confirmation message. The main content area is titled 'Pre-Check-In'. A green banner with a checkmark icon contains the text:


✓ You have successfully sent the Pre-Check-In. We look forward to welcoming you.

24 hours before arrival, an online Check-In can be made. There all data for a digital registration form can be added and an electronic sign can be done. But this is an additional modul for a second step, so I don't explain it here any further.

Now the Pre-Check-In is done and the guest can have a look at some additional information before and during his stay at the hotel.

First will be information for arrival and a map. This can also be a code for a door system or something like that. This additional information will be send with the common booking informations to the webservice.

The screen for Arrival looks here like this:



My Booking

Weather

Arrival

Grillplausch

Picknickkorb

Dining Options

Booking information

facebook

tripadvisor

Holidaycheck

Contact and arrival


Hotel Garni Das Stoaberg
Das Stoaberg
Fam. Gruber

CALL

EMAIL

ROUTE

WEBSITE



Address
Hotel Garni Das Stoaberg
Hirnreit 6
5771 Leogang, Österreich


Contact
✉ hotel@das-stoaberg.com
☎ +43 6583 8420
📠 +43 6583 8420 42
🌐 www.das-stoaberg.com

Location & Arrival

This way you can find us using Google Maps!

Hirnreit 6
Hirnreit 6, 5771 Hirnreit, Austria
[View larger map](#)

[Directions](#)



[OPEN IN GOOGLE MAPS](#)

There are two possible ways to configure such things – we can do this in our PMS and send the data via an webservice or we have an individual configuration screen (password-protected) for each hotel.

The next point is the weather for the hotel-region:

My Booking

Weather

Arrival

Grillplausch

Picknickkorb

Dining Options

Booking information

facebook

tripadvisor

Holidaycheck

Weather

The current weather

Leogang
Monday 12:13 PM

2.24km/h

48 %

05:40 AM

09:06 PM

°C °F

22°

15° - 25°
Clear sky

Provided by OpenWeatherMap

The next up to 10 options are only menulinks and the embedding of existing webpages in an iframe with an external link.

IMPRESSIOENEN SPECIALS GUTSCHEINE ANFAHRT

DAS STOABERG WOHNEN GENIESSSEN ENTSPANNEN ERLEBEN

BUCHEN ANFRAGEN

+4365838420

DE EN

DAS Stoaberg LEOGANG

GRILLPLAUSCH

Nach einem abenteuerlichen und aktiven Tag mit Freunden bei Grill-Plausch in unserem STOABERG-GARDEN den Tag ausklingen lassen. Gerne stellen wir Euch Grill und Zubehör kostenlos zur Verfügung.

Part 2 – Registration Card:

For the registration-card there were need some additional data (passport-number for foreign guests, agreements for data privacy, etc.).

Then we need a graphic field where the guest can sign with a mouse or a finger/pen on a mobile device.

Here you can see an example of a check-in app. In this step we don't need a payment and of course, the name and address data is taken from the pre-check-in and doesn't have to enter twice.

<https://www.youtube.com/watch?v=FKj0a0VgVhQ>

I have attached a sample of the registration card, who it should look. After entering all data and accept the privacy-questions, such a PDF have to be generated. We have to save this in a save place and return a link, where the hotel can download this PDF.

All PDFs have to be stored for one year after check-out date and then it should be deleted automatically.

Milestones:

This is only a suggestion and of course not fixed and discussalbe. It shopuld only give the whole project a rough frame....

- Milestone 01 – base structure

Implement the base structure of the whole project and the needed databases

Also the domainstructure (hotelname.hopeguestapp.de) and the routing is defined

Maybe it is possible to override the standard CSS individual for each hotel.

At least the name and the hotel logo must be individual for each hotel

\$400

- Milestone 02 – Rest API

Design and implement the Rest API services for our PMS, where we can send the data of a new booking and gets back the generated individual link. Also a webservice is created, where the PMS can poll for the entered data from the guests.

\$200

- Milestone 03 – Web app

The web app for display the booking data and entering the missing data for the pre-check-in is created. Also the login (bookingnumber/arrivaldate, with/without name) is implemented.

After finishing the pre-check-in, the new data can be received by the PMS.

An Email is send to the guest/hotel, that the pre-check-in is done.

We need a function for editing individual email templates.

\$600

- Milestone 04 – news section

A news section, where the hotel can put all actual thing via an online HTML-Editor. This point is fully managed by the hotel itself.

\$200

- Milestone 05 – Additional features for the web app

The other features (weather, infos, external links) are implemented in the web page. A config-page for the hotel is created, where we can manage these things

\$400

- Milestone 06 -

Create the parts for the registration cards with sign field, generatet he PDF, store the PDF with an individual link and delete it automatically after 1 year (plus a security time of 14 days).

\$800

If you have other ideas, please tell us. We are open to discuss all. Our concept/ideas are not fixed.