Draft for an automated Pre-CheckIn for hotels

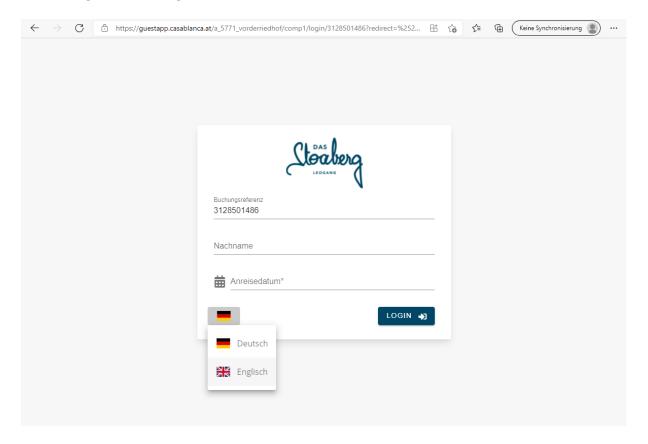
Main concept:

- 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 confimation-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.

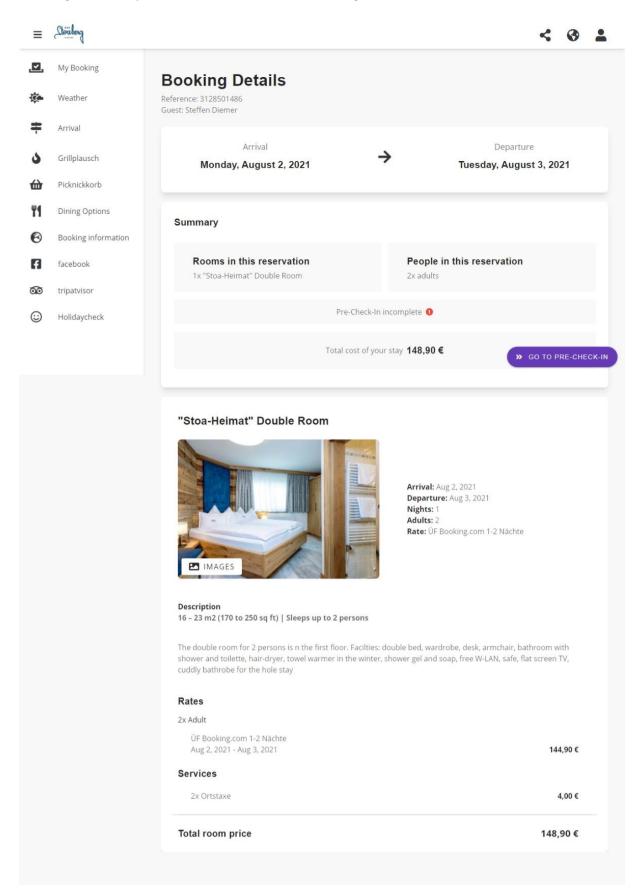
Here is an example from a concurrent company:

Part 1 - Pre-Check-In

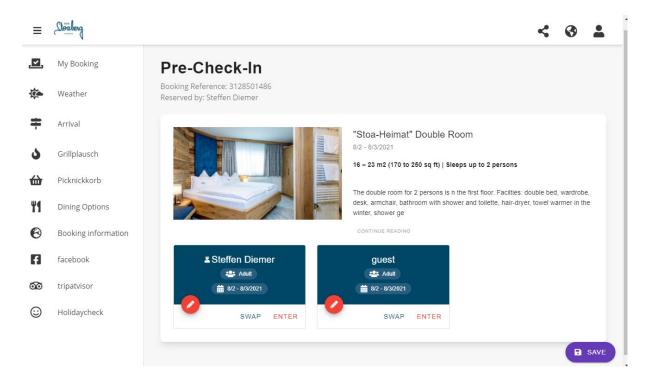
First the login after clicking on the link:



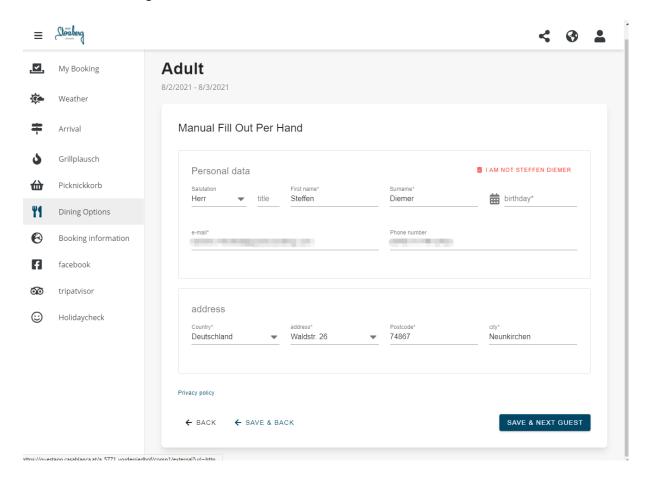
After login the first point is an overview over the booking details and a button for the "Pre-Check-In":



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

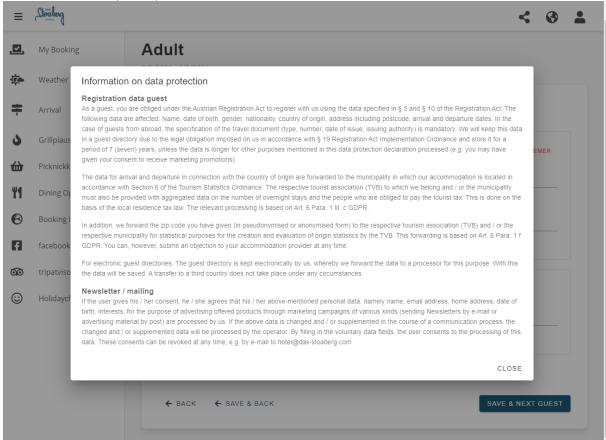


Edit data of the first guest:

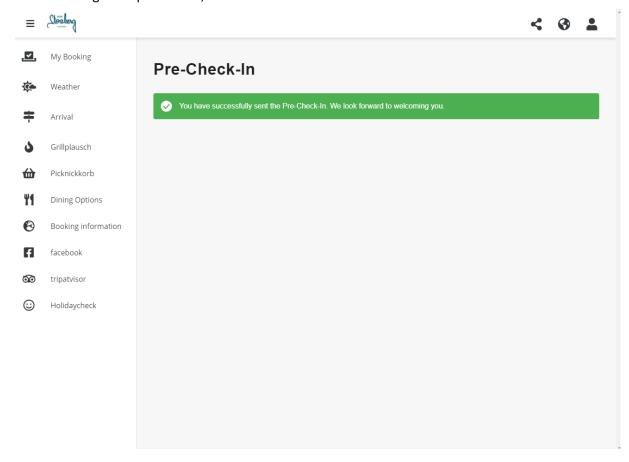


It should be configurable for each hotel, which fields are mandatory. Also maybe an option for 3-4 additional custom fields.

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



After entering all required data, a confirmation is shown:

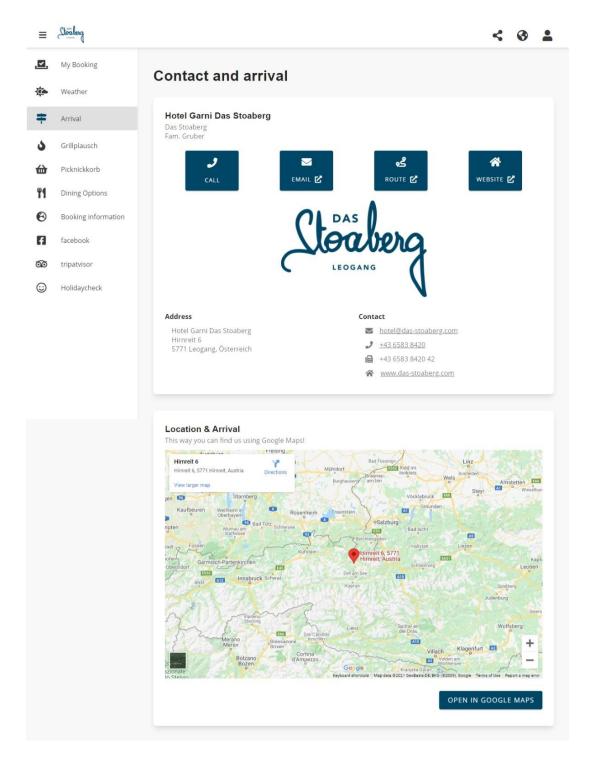


24 hours before arrival, an online Check-In can be made. There all data for a digital registration form can be added and an electronic sign can be done. But this is an additional modul for a second step, so I don't explain it here any further.

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

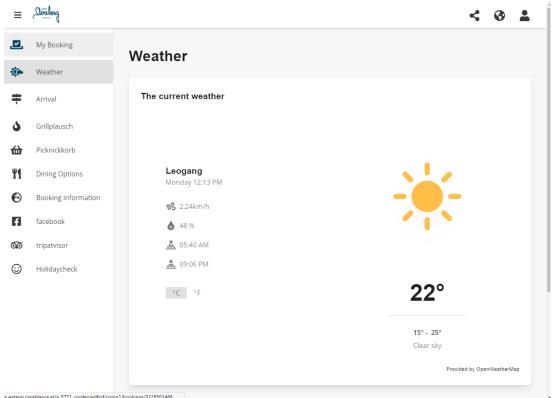
First will be information for arrival and a map. This can also be a code for a door system or something like that. This additional information will be send with the common booking informations to the webservice.

The screen for Arrival looks here like this:

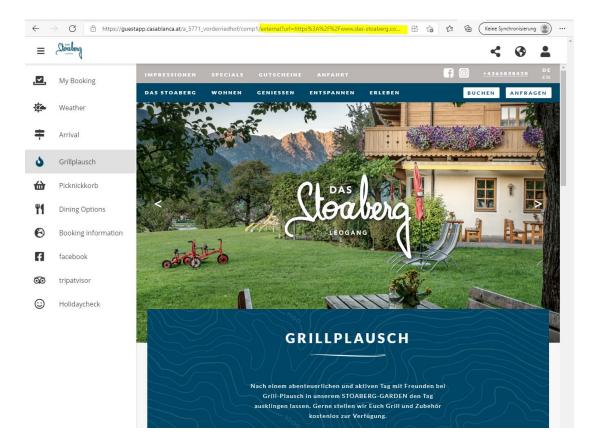


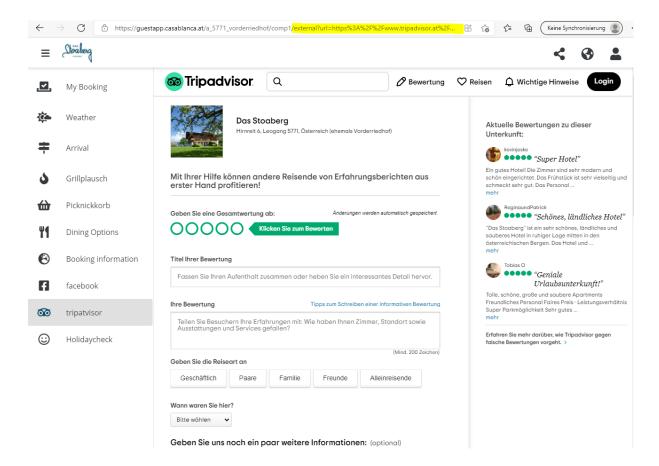
There are two possible ways to configure such things – we can do this in our PMS and send the data via an webservice or weh ave an individual configuration screen (password-protected) for each hotel.

The next point ist he weather for the hotel-region:

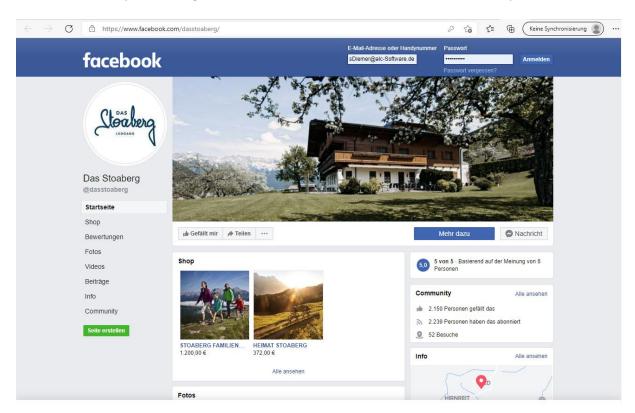


The next up to 10 options are only menulinks and the embedding of existing webpages in an iframe with an external link.





If an iframe is not possible (e.g. facebook in this demo), a new tab with the link is opened:



Hope, I could describe the requirements as clearly as possible. If there are any questions, please ask.

We can host the solution at an own windows-server or maybe on Azure as better way.

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 addressdata i staken 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. Weh ave 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.