

CODECLAN //  
WEEK 1 PROJECT

# Holidays Property Management APP

By Sara Castellino



A holidays property manager (co-host) has approached you to build a web application to help them manage their bookings, guests and properties on a digital agenda they can edit freely.

A property may be rented to many guests at a time. A guest is registered with only one holiday property.

## MVP

- The co-host wants to be able to register / track guests
- Be able to assign guests to holiday properties, be able to create bookings
- CRUD actions for holiday properties / guests / bookings
- The views should allow the co-host to see bookings, guests and properties.

# The Brief



## POSSIBLE EXTENSIONS

- There should be a search tab with autocomplete enabling the property manager to search for guests and properties from the website header
- The views should allow the co-host to see bookings, guests and properties sorted by parameters
- If a property has multiple guests we don't want to keep updating contact details separately for each guest. Extend your application to reflect that a property can have many guests and to more sensibly keep track of guests' details (avoiding repetition / inconsistencies)
- Guests who are not over 21 or have no documents should not be able to book
- Groups bigger than the property sleeps number should not be able to book





## POSSIBLE EXTENSIONS

- The guest could have a budget and properties a daily fee: if guests don't reach the total fee they should not be able to book
- Handle check-in / check-out dates
- Let the co-host see all guests currently in the property (today's date is between the check-in and check-out?)
- Co-hosts usually want to retain the good clientele and a powerful retention tool is discounts: build an extension to offer a 20% off the next booking
- Add extra functionality of your choosing
  - calculating the earning per booking after commissions, providing services (late check-in, bike rentals etc).

# The Protopersona

## NAME

Carla Cabras

## DEMOGRAPHICS

- age 30/40
- lives in a touristic place
- high-school/degree
- co-host in holiday properties
- pub owner
- colourblind (protanopia)



# Essential Aspects

## BEHAVIOURS

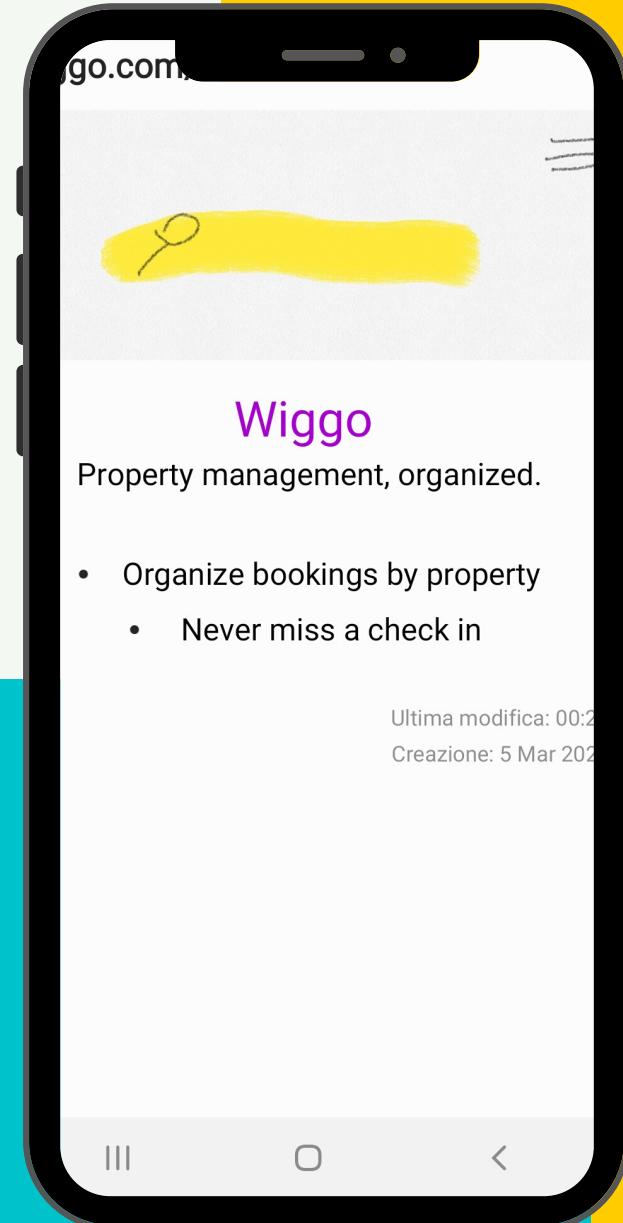
- loves reading, swimming and surfing
- owns a pub which she runs mainly in winter
- manages 10 holiday properties mainly from April to October
- works in close contact with customers (clients at the pub and guests during summer holidays)
- is used to work in Italian, English, French and Spanish
- is used to manage pub/properties bookings online and to edit her pub's website through website building platforms

## NEEDS AND GOALS

- needs to manage the bookings easily and in real time
- needs to manage all the bookings cross-platform
- needs a simple design and easily readable web pages
- needs more free time
- wants to expand her houses portfolio

# How important is good design?

MOCK UPS



# Wiggo

Property management, organized.

## GUESTS

Create new!

Name: Giovanna  
Last name: Vinci  
DOB: [07/04/1983](#)  
Nationality: Italian  
Documents: passport  
Contacts: [+39 335688424](#)

[Update Guest](#)

[View Bookings](#)

[Delete Guest](#)

Successfully deleted :)

Name: John

Last name: Wilson

DOB: [07/04/1983](#)



[SORT](#)

# Wiggo

Property management, organized.

## PROPERTIES

Create new!

### VILLA DEL GLICINE

Category: Villa  
Address: Via Lago Mulargia 15  
Place: Cagliari (CA)  
Sleeps: 10  
Price per night: €200  
Contacts: [+39 335688424](#) ADD TO DRA

[Update Property](#)

[SORT](#)

[View Bookings](#)

[Delete Property](#)

Successfully deleted :)

GIADA BNB



[SORT](#)

# Wiggo

Property management, organized.

## BOOKINGS

Create new!

### Property: VILLA DEL GLICINE

Guest Name: Giovanna Vinci  
Guest Name: John Wilson  
Check in: [23/10/2020](#)  
Check out: [31/10/2020](#)  
Platform: [www.booking.com](#)  
Earning: €1200

[Update Booking](#)

[Delete booking](#)

Successfully deleted :)

### Property: Giada bnb

Guest Name: Susie



**Wiggo**

Property management, organized.

## CREATE NEW GUEST!

Name:

Last name:

DOB:

Nationality:

Documents:

Contacts:

Create now!

Successfully created :)

Ultima modifica: 0

Creazione: 0



**Wiggo**

Property management, organized.

## CREATE NEW PROPERTY!

Property name:

Address:

Place:

Category:

Sleeps:

Price per night:

Contacts:

Create now!

Successfully created :)

Ultima modifica: 0

Creazione: 0



**Wiggo**

Property management, organized.

## CREATE NEW BOOKING!

Property:

Guest Names: -->Add multiple guests from dropdown li

Check in:

Check out:

Platform:

Earning:

Create now!

Successfully created :)



# Wiggo

Property management, organized.

## UPDATE GUEST INFO!

Name: Giovanna  
Last name: Vinci  
DOB: [07/04/1983](#)  
Nationality: Italian  
Documents: passport  
Contacts: [+39 335688424](#)

[Update now!](#)

[Successfully updated :\)](#)

Ultima modifica:  
Creazione:



# Wiggo

Property management, organized.

## UPDATE PROPERTY INFO!

Property name: VILLA DEL GLICINE  
Address: via Lago Mulargia 15  
Place: Cagliari (CA)  
Category: Villa  
Sleeps: 10  
Price per night: €200  
Contacts: [+39 335688424](#)

[Update now!](#)

[Successfully updated :\)](#)

Ultima modifica:  
Creazione:



# Wiggo

Property management, organized.

## UPDATE YOUR BOOKING!

**Property: VILLA DEL GLICINE**  
Guest Name: Giovanna Vinci  
Guest Name: John Wilson  
Check in: [23/10/2020](#)  
Check out: [31/10/2020](#)  
Platform: [www.booking.com](#)  
Earning: €1200

[Update now!](#)

[Successfully updated :\)](#)

Ultima modifica:  
Creazione:



# Tables!

mvp: ONE TO MANY //  
extensions: MANY TO MANY

