

Travel MVP v1 - Specification

Booking user: A user who will search and book properties

Admin user: A user who will manage admin

Header::

Feature // *Static page* (1.)

Help

Functionality //

a) Help

- Redirect to FAQ page in new tab.

Feature // *Manage booking* (2.)

General

Email

Booking ref

Manage booking button

Functionality //

a) General

- Booking user clicks manage booking. Drop down will display.

b) Email

- Required.
- Emails will not be case sensitive.
- Booking user clicks manage booking button. Not email format. Red line will appear around input field. Red text will display "Please use a valid email".

c) Booking ref

- Minimum 1 character or 1 number required.

NOTE: We will be using Yalago booking ref.

d) Manage booking button

NOTE: There is no need for disabled button action.

- Booking user clicks manage booking button. 1 or more fields are empty. Red line will appear around empty input field/s.
- Booking user clicks manage booking button. Email and booking ref incorrect combination. Red line will appear around both input fields. Red text will display “Email and booking ref do not match our records”.
- Booking user clicks manage booking button. All fields correct. Booking is already cancelled. Pop up will appear. Text will display “This booking is already cancelled”.
- Booking user clicks manage booking button. All fields correct. Yalago sends response booking is not cancellable. Pop up will appear. Text will display “This booking is not cancellable”.
- Booking user clicks manage booking button. All fields correct. Email and booking ref correct combination. Booking user is redirected to cancel booking page.

Footer::

Feature // *Static page* (3.)

Terms & Conditions

Functionality //

a) Terms & Conditions

- Redirect to company Terms page in new tab.

Feature // *Static page* (4.)

Privacy policy

Functionality //

a) Privacy policy

- Redirect to company Privacy page in new tab.

Feature // *Static page* (5.)

Cookies policy

Functionality //

a) Cookies policy

- Redirect to company Cookies page in new tab.

Search page::

Feature // *Search bar* (6.)

General

City

Check in & check out

Guests/Rooms

Top options

Search button

Functionality //

a) General

- System will search availability endpoint.
- Maximum 1 year in advance search.

b) City

- Required field.
- Suggested autocomplete will only display cities with properties.

NOTE: Discuss which countries/cities we need to ban. Therefore, do not add them from the static data content. What to do when we update the static data once a week.

NOTE: We will not allow searches for specific properties.

c) Check in & check out

- Required field.
- Maximum stay 30 nights.

- Disable searching for current date and previous dates.

d) Guests/Rooms

Adult
Children
Room

NOTE: There is no need for disabled button action.

- Required field.
- Default selection 1 room, 1 adult and 0 child.
- User cannot select less than 1 adult per room.
- Child is optional.
- Adult = 18 and over.
- Child = 17 and under.

NOTE: Display tag 'age of child at checkout' on frontend.

- Max 5 adult per room.
- Max 5 children per room.
- Max 5 number of rooms.

e) Top options

Free cancellation
Bed & breakfast

- Will function like a filter.

f) Search button

- Booking user clicks search button. 1 or more fields are empty. Red line and/or tag/s will appear around empty field/s.
- Booking user clicks search button. Did not select from suggested autocomplete. Red line will appear around input field. Red tag will display "Please select a city from the list".
- Booking user clicks search button. Did not select dates. Red line will appear around field. Red tag will display "Please select dates".
- Booking user clicks search button. Did not add child age. Red line will appear around Guest/Rooms field. Red line will appear around child age drop down. Red tag will display "Please select your child's age".

- Booking user clicks search button. All fields correct. Booking user gets redirected to results page. System will display search.

Feature // *Weekly deals* (7.)

Select city button
Property listing

Functionality //

a) Select city button

- Booking user can select different cities.

b) Property listing

- Booking user clicks listing. Property detail page will open in new tab. Booking user gets redirected to new tab.

NOTE: When redirected the booking user needs to input check in/check out dates and guests/rooms to display available rooms. User inputs check in/check out dates and guests/rooms, Rooms will display with discounted prices. We should put a text saying "Please select dates and guests to display available rooms".

NOTE: System will display last 3 city searches made via the search bar.

Feature // *Theme offers* (8.)

General
Select city button

Functionality //

a) General

- Family hotel, Business hotel, Nightlife/Partygoers, Romantic hotel are the pre defined theme list.

b) Select city button

- London, Edinburgh, Cardiff, Belfast are the pre defined city list.
- Booking user clicks any theme list. Did not select city from drop down. Red line will appear around button.
- Booking user clicks any theme list. Did select city from drop down. Booking user gets redirected to results page. System will display search. Default search is 1 adult, 1 room, 0 child for 1 night from next following day. System will search availability endpoint.

NOTE: When booking user is redirected to results page. We should have some tag where the booking user can click on to remove the theme filtered search. If booking user clicks the tag to remove the theme filtered search. The system will search availability endpoint for the same parameters just excluding the theme list.

Feature // *Coupon* (9.)

General

Functionality //

c) General

- Will display coupon if activated.

NOTE: Add a popup link somewhere so you can display conditions of coupon or we can do the dot point and write more text.

Feature // *City offers* (10.)

General

Functionality //

a) General

- Algarve, Florence, Malaga, Santorini are the pre defined city list.
- Booking user clicks city. Booking user gets redirected to results page. System will display search. Default search is 1 adult, 1 room, 0 child for 1 night from next following day. System will search availability endpoint.

NOTE: When user is redirected to results page. The properties should be sorted by lowest price.

Feature // *Text cities* (11.)

General

Functionality //

a) General

- Rio de Janeiro, Bali, Sydney, Buenos Aires
Zurich, Melbourne, Dubai, Belgrade
Prague, Cairo, Berlin, Tokyo
Amsterdam, Hong Kong, Abu Dhabi, Vienna

are the pre defined city list.

- Booking user clicks city. Booking user gets redirected to results page. System will display search. Default search is 1 adult, 1 room, 0 child for 1 night from next following day. System will search availability endpoint.

Results page::

NOTE: List view only.

NOTE: Discuss the response from Yalago when the booking user is searching for 2 or more rooms. We need to create a matching algorithm if possible.

Feature // *Search information* (12.)

Properties

Functionality //

a) Properties

- Will display number of properties found from search.
- “0 properties found” will display if no properties found from search.
- Number should also be updated when the booking user is filtering.

Feature // *Search bar* (13.)

General

City

Check in & check out

Guests/Rooms

Update button

Functionality //

a) General

- System will search availability endpoint.
- System will only display available properties.

b) City

- Same as search bar (6.).

c) Check in & check out

- Same as search bar (6.).

d) Guests/Rooms

- Same as search bar (6.).

e) Update button

- Same error validations from search bar (6.).

NOTE: Booking user has not changed information in search bar. Booking user clicks on search button. The system should not create a new search to availability endpoint.

Feature // Filter (14.)

General

Top options

Price range (per night)

Star rating

Property type

Property facilities

Room facilities

Functionality //

a) General

- Will only display filter options of properties found from search.

b) Top options

Free cancellation

Bed & breakfast

c) Price range (per night)

- Price range default. Left price will display lowest per night price of search. Right price will display highest per night price of search.

d) Star rating

- 1 star, 2 star, 3 star, 4 star, 5 star.

e) Property type

- Will display property types.

f) Property facilities

- Will display property facilities.

g) Room facilities

- Will display room facilities.

Feature // *Sort by* (15.)

Recommended
Lowest price
Highest price

Functionality //

a) Recommended

- Default system search

b) Lowest price

- Display lowest total price first

c) Highest price

- Display highest total price first

Feature // *Weekly deals* (16.)

Property listing

Functionality //

a) Property listing

- Booking user clicks listing. Property detail page will open in new tab. Booking user gets redirected to new tab. System will search details endpoint.

NOTE: When redirected the booking user does not need to input check in/check out dates and guests/rooms to display available rooms. The system will use the parameters of the current search.

Feature // *Property Listing* (17.)

General
Property photo
Property type tag
Property name
Address
Show on map
Star rating
Room name
Free cancellation policy

Total price
Book button

Functionality //

a) General

- Booking user clicks listing. Property detail page will open in new tab. Booking user gets redirected to new tab. System will search details endpoint.

b) Property photo

- Will display property photo.

c) Property type tag

- Will display property type tag.

d) Property name

- .. will display when property name is too long.

e) Address

- .. will display when property address is too long.

NOTE: Remove the postcode from the frontend.

f) Show on map

- Booking user clicks link. Map view will display.
- Will display property marker on map.

NOTE: We will hard code the zoomed in function and set it as a default. No zoom in or zoom out functionality or dragging map.

g) Star rating

- 1 star, 2 star, 3 star, 4 star, 5 star.

h) Room name

- .. will display when room name is too long.
- Will display room name and how many rooms are included.

i) Free cancellation policy

- Will display if total price is free cancellation.

j) Total price

- Will display lowest total price of available rooms from property.

k) Book button

- Will display book button.

Feature // *Pagination* (18.)

General

Functionality //

a) General

- Will function like normal pagination.

Detail Page::

Feature // *Property information* (19.)

Property type tag

Property name

Address

Star rating

Show on map

Property photo

Gallery

Navigation links

Functionality //

a) Property type tag

- Will display property type tag.

b) Property name

- Will display full property name.

c) Address

- Will display full property address.

NOTE: Remove the postcode from the frontend.

d) Star rating

- 1 star, 2 star, 3 star, 4 star, 5 star.

e) Show on map

- Booking user clicks button. Map view will display.
- Will display property marker on map.

NOTE: We will hard code the zoomed in function and set it as a default. No zoom in or zoom out functionality or dragging map.

f) Property photo

- Will display property photo.

g) Gallery

- Booking user clicks button. Gallery will display.

h) Navigation links

- Booking user clicks a link. The page will scroll down to relevant section of detail page.

Feature // Search bar (20.)

General

Check in & check out

Guests/Rooms

Update button

Functionality //

a) General

- System will search details endpoint.
- System will only display available rooms.

b) Check in & check out

- Same as search bar (6.).

c) Guests/Rooms

- Same as search bar (6.).

d) Update button

- Same error validations from search bar (6.).
- Booking user clicks update button. Changed anything. All fields correct. Property has no available room/s. Pop up will appear. Text will display "Sorry, there are no available rooms".

- Booking user clicks update button. Changed anything. All fields correct. System will display new search for property.

NOTE: User has not changed information in search bar. User clicks on update button. The system should not create a new search to details endpoint.

Feature // *Booking section* (21.)

General

Room information

Room offer

Functionality //

a) General

- System will display lowest total price first of available rooms from property.

b) Room information

Room photo

Room name

Bed type

Room size

See more details

i. Room photo

- Will display room photo if available.

ii. Room name

- Will display full room name.

iii. Bed type

- Will display bed type if available.

NOTE: Can we somehow display this information as a separate object. In the documentation it seems like a room description not individual objects.

iv. Room size

- Will display room size in sqm if available.

NOTE: Can we somehow display this information as a separate object. In the documentation it seems like a room description not individual objects.

v. See more details

- Booking user clicks link. Room details will display in popup.

- Will display room facilities.
- Will display room photos if available.

NOTE: If we cannot display this information as a separate object. Then we will display this information as a description in this popup.

c) Room offer

Board type
Cancellation policy
Cancellation charges
Weekly deals total price
Total price
Book button

i. Board type

- Will display board type.

ii. Cancellation policy

- Will display cancellation policy.

iii. Cancellation charges

- Booking user clicks link. Cancellation charges will display in popup.

iv. Weekly deals total price

- Will display weekly deals total price.
- Weekly deals total price calculation logic: $[(\text{net price of room}) + (\text{markup percentage}) - (\text{discount percentage})] + (\text{booking fee} / \text{Stripe transaction charge})$.

v. Total price

- Will display total price.
- Total price calculation logic: $(\text{net price of room}) + (\text{markup percentage}) + (\text{booking fee} / \text{Stripe transaction charge})$.

vi. Book button

- If the booking user is booking for 2 rooms. The button should display "Book 2 rooms". Same for 3,4 or 5 rooms.
- Booking user clicks book button. Booking user gets redirected to payment page.

NOTE: Discuss the response from Yalago when the booking user is searching for 2 or more rooms. We need to create a matching algorithm if possible.

Feature // *Extra property information* (22.)

About the property
Property facilities
More information

Functionality //

a) About the property

- Will display property description.
- Booking user clicks read more. The full property description will display.

b) Property facilities

- Will display full property facilities.

c) More information

- Will display check in and check out times.
- Will display info items and booking conditions.

Payment page::

Feature // *Complete booking* (23.)

Booking details
Coupon
Price details
Local charges
More information
Guest details
Guest details button
Cancellation policy and charges
Payment method
Confirm booking button

Functionality //

a) Booking details

Property photo
Property type tag
Property name
Address
Star rating

Check in dates and times
Check out dates and times

- i. Property photo
 - Will display property photo.
- ii. Property type tag
 - Will display property type tag.
- iii. Property name
 - Will display full property name.
- iv. Address
 - Will display full property address.

NOTE: Remove the postcode from the frontend.

- v. Star rating
 - 1 star, 2 star, 3 star, 4 star, 5 star.
- vi. Check in dates and times
 - Will display information.
- vii. Check out dates and times
 - Will display information.

b) Coupon

General
Input field
Apply button

- i. General
 - Optional.
 - Will display coupon section if a coupon is activated.
- ii. Input field
 - Booking user clicks apply button. Coupon code is wrong. Red line will appear around input field. Red text will display "Please enter valid coupon code".
- iii. Apply button

- Booking user clicks apply button. Input field is empty. Red line will appear around empty input field.
- Booking user clicks apply button. All fields correct. System will apply discount percentage to total price.
- Coupon total price calculation logic: $[(\text{net price of room}) + (\text{markup percentage}) - (\text{discount percentage})] + (\text{booking fee} / \text{Stripe transaction charge})$.

c) Price details

Room number, name and room price
 Coupon
 Booking fee
 VAT

i. Room number, name and room price

- Will display room number, name and room price.

NOTE: Room number is the number of rooms being booked.

ii. Coupon

- Will display if coupon code was applied

iii. Booking fee

- Will display booking fee

iv. VAT

- Will display VAT.

d) Local charges

- Will display local charges.

e) More information

- Will display info items and booking conditions.

f) Guest details

Room number and name
 Number of guests
 Board type

i. Room number and name

- Will display room number and name.

NOTE: Room number is the number of rooms being booked.

NOTE: We should remove the price from the frontend.

ii. Number of guests

- Will display number of guests.

iii. Board type

- Will display board type.

g) Guest details button

General

Main guest

Email and confirm email (Main guest only)

Other guests

Special request

Save details button

i. General

- Booking user clicks button. The guest details form will display.

NOTE: Rename button to “Add room 1 guest details”.

ii. Main guest

Adult number

Title

Age

First name

Last name

- Adult number is number of guests in room.
- Title is required (Mr. , Ms. , Mrs.).
- Age is required (18 and above).
- First name, Last name (Minimum 1 character required).

iii. Email and confirm email (Main guest only)

- Required.
- Emails will not be case sensitive.
- Booking user clicks save details button. Not email format. Red line will appear around both input fields. Red text will display “Please use a valid email”.
- Booking user clicks save details button. Emails are not matching. Red line will appear around both input fields. Red text will display “Emails do not match”.

iv. Other guests

Adult number
Child number
Title
Age
First name
Last name

- Adult number is number of guests in room.
- Child number is number of guests in room.
- Title is required (Mr. , Ms. , Mrs.).
- Title for child is Child. Child title should be filled in automatically by system.
- Age is required (18 and above).
- If title is child. Child age should be filled in automatically by system.
- First name, Last name (Minimum 1 character required).

v. Special request

- Optional.

vi. Save details button

- Booking user clicks save details button. 1 or more input fields are empty. Red line will appear around empty input field/s.
- Booking user clicks save details button. 1 or more drop down menus are not selected. Red line will appear around unselected drop down menu/s.
- Booking user clicks save details button. All fields correct. The guest details form will close.

h) Cancellation policy and charges

Cancellation policy
Cancellation charges

i. Cancellation policy

- Will display cancellation policy.

ii. Cancellation charges

- Will display cancellation charges.

i) Payment method

General
Cardholder name
Card number
Expiry date
CVC

i. General

- Stripe embedded form payment.
- The system should detect whether a visa or mastercard card is being used and once it does should highlight the relevant icon.

NOTE: Should we allow the booking user to select the relevant icon?

ii. Cardholder name

- Minimum 1 character required.

iii. Card number

- 16 numbers required.
- Booking user clicks confirm booking button. Card number is <16 numbers long. Red line will appear around input field. Red text will display "Please enter valid card number".

iv. Expiry date

- Required.
- Month/Year.
- Booking user clicks confirm booking button. Expiration date is not beyond the check out date. Red line will appear around the drop down menu. Red text will display. "Please enter credit card which expires past the check out date".

NOTE: This should be a drop down.

v. CVC

- 3 numbers required.
- Booking user clicks confirm booking button. Cvc code is <3 numbers long. Red line will appear around input field. Red text will display "Please enter valid cvc security code".

j) Confirm booking button

(Terms and conditions, Privacy policy, Cookies policy) link
Confirm booking button

- i. (Terms and conditions, Privacy policy, Cookies policy) link
 - Booking user clicks link. Relevant page will open in new tab.
 - Booking user clicks confirm booking button. Did not select box to agree to terms and conditions. Red line will appear around box.
- ii. Confirm booking button
 - Booking user clicks confirm booking button. 1 or more input fields are empty. Red line will appear around empty input field/s.
 - Booking user clicks confirm booking button. 1 or more drop down menus are not selected. Red line will appear around unselected drop down menu/s.
 - Booking user clicks confirm booking button. Credit card does not have available funds. Pop up will display “Sorry, This credit card does not have available funds”.
 - Booking user clicks confirm booking button. All fields correct. Booking engine scenarios unsuccessful. Booking user is not redirected to confirmation page.
 - Booking user clicks confirm booking button. All fields correct. Booking engine scenarios successful. Booking user gets redirected to confirmation page. Booking user receives confirmed booking email confirmation and confirmed booking pdf.

NOTE: When the system is charging the credit card/finalizing the booking we would like a page spinner to display with text “Your booking is being processed.”

Confirmation page::

NOTE: We are allowed to display price on the confirmation email and voucher.

Feature // *Booking confirmation details* (24.)

Booking ref
Affiliate ref
Guest details
Booking details
Cancellation policy and charges
Price details
Local charges
More information

Functionality //

a) Booking ref

- Will display yalago booking ref.

b) Affiliate ref

- Will display system affiliate ref.

NOTE: System needs to generate this.

c) Guest details

- Same as complete booking (23.)

d) Booking details

- Same as complete booking (23.)

NOTE: Add property contact number.

e) Cancellation policy and charges

- Same as complete booking (23.)

f) Price details

- Same as complete booking (23.)

g) Local charges

- Same as complete booking (23.)

h) More information

- Same as complete booking (23.)

Cancel Booking Page::

Feature // *Cancel booking* (25.)

General

Cancel booking button

Functionality //

a) General

Booking ref
Affiliate ref
Guest details
Booking details
Cancellation policy and charges
Price details
Local charges
More information

i. All of the above

- Same as booking confirmation details (24.)

b) Cancel booking button

- Booking user clicks cancel booking button. Pop up will appear. Booking user closes the popup. System will not send cancel booking request to yalago.

NOTE: Remove back button from popup.

- Booking user clicks cancel booking button. Pop up will appear. Booking user clicks cancel my booking button. Booking engine scenarios. Booking user is redirected to search page. Pop up will appear. Text will display “Congratulations, You have cancelled your booking”. Booking user receives cancelled booking email confirmation and cancelled booking pdf.

NOTE: Rename button to Cancel my booking.

Search Engine::

- System will search availability endpoint.
- System will search details endpoint.
- Total price calculation logic: (net price of room) + (markup percentage) + (booking fee / Stripe transaction charge).

NOTE: System will search these endpoints in realtime.

NOTE: System will create cache for searches. How often should system refresh cache?

NOTE: Discuss the response from Yalago when the booking user is searching for 2 or more rooms. We need to create a matching algorithm if possible.

NOTE: The system should once a week make a search for the four cities in city offers and display the lowest price for each city. Default search is 1 adult, 1 room, 0 child for 1 night from next following day. System will search availability endpoint.

Discount Engine::

Coupon

Weekly deals

Functionality //

a) Coupon

General
Conditions

i. General

- Coupons cannot be applied to room prices already discounted via weekly deals.
- Coupon total price calculation logic: [(net price of room) + (markup percentage) - (discount percentage)] + (booking fee / Stripe transaction charge).

ii. Conditions

Selection by days (Mon - Sun)
Minimum number of nights
Minimum spend (GBP)

- Selection by days is when the booking dates must fall upon the same allocated days. EG: Selection by days are set at Mon, Tue, Wed (The booking user can use this coupon for a booking for Mon and Tue).
- Minimum number of nights is when the booking dates must reach a number of nights. EG: Minimum number of nights is set at 7 (The booking user can use this coupon for a booking for 7 or more nights.)
- Minimum spend is when the booking dates must reach a total price. EG: Minimum spend is set at £500 pounds (The booking user can use this coupon for a booking for £500 or more pounds total price).

b) Weekly deals

- Whenever a user searches for a city via the search bar the system will randomly choose 10 properties (We might implement a few conditions) to be selected for weekly deals. These properties should be cached for 1 week and all their rooms are discounted.

NOTE: A week is Monday to Sunday.

- The system will apply the discount percentage and display it as the price on weekly deals (search page / results page). The system will also calculate the difference between the prices and display it as a discount tag. The system also needs to calculate the number of nights.
- The system will apply the discount percentage and display the weekly deals total price. (detail page). The system will also calculate the difference between the prices and display it as a discount tag.
- Weekly deals total price calculation logic: [(net price of room) + (markup percentage) - (discount percentage)] + (booking fee / Stripe transaction charge).

Booking Engine::

Feature // *Scenarios* (26.)

General

Confirm booking

Cancel booking

Functionality //

a) General

- System will send create booking endpoint.
- System will send get cancellation charges endpoint.
- System will send cancel booking endpoint.

b) Confirm booking

Scenario 1

Scenario 2

Scenario 3

i. Scenario 1

- Booking user clicks book button
- Booking user is redirected to payment page
- Booking user clicks confirm booking button
- Payment engine scenario 1
- System does not send create booking to yalago

ii. Scenario 2

- Booking user clicks book button
- Booking user is redirected to payment page
- Booking user clicks confirm booking button
- Payment engine scenario 2 part a
- System sends create booking to yalago
- Create booking is rejected by yalago
- Payment engine scenario 2 part b

NOTE: Discuss possible reasons for rejection from yalago. Maybe whenever the booking is rejected we display a popup with a button that redirects booking user to go back to detail page. System will then search details endpoint to update rooms availability.

iii. Scenario 3

- Booking user clicks book button
- Booking user is redirected to payment page
- Booking user clicks confirm booking button
- Payment engine scenario 2 part a
- System sends create booking to yalago
- Create booking is accepted by yalago
- Booking is confirmed
- Payment engine scenarios 3
- Booking user is redirected to confirmation page

c) Cancel booking

Scenario 1

Scenario 2

i. Scenario 1

- Booking user clicks manage booking button
- System sends get cancellation charges to yalago
- IsCancellable
- Booking user is redirected to cancel booking page
- Booking user clicks cancel my booking button
- System sends cancel booking to yalago
- Cancel booking is rejected by yalago
- Booking is not cancelled

NOTE: What do we do?

ii. Scenario 2

- Booking user clicks manage booking button
- System sends get cancellation charges to yalago
- IsCancellable
- Booking user is redirected to cancel booking page
- Booking user clicks cancel my booking button
- System sends cancel booking to yalago
- Cancel booking is accepted by yalago
- Booking is cancelled
- Payment engine scenario 1

NOTE: Discuss what to do if the response from yalago is “not cancellable”.
I have covered in manage my bookings. Discuss further.

Payment Engine::

Feature // Scenarios (27.)

Confirm booking

Cancel booking

Functionality //

a) Confirm booking

Scenario 1

Scenario 2 part a

Scenario 2 part b

Scenario 3

i. Scenario 1

- Confirm booking free cancellation or nonrefundable
- System sends create authorization hold
- Credit card does not have available funds
- System does not create authorization hold

ii. Scenario 2 part a

- Confirm booking free cancellation or nonrefundable
- System sends create authorization hold
- Credit card does have available funds
- System creates authorization hold

iii. Scenario 2 part b

- System releases funds and deletes authorization hold

iv. Scenario 3

- System captures funds
- System creates tokenization for credit card

b) Cancel booking

Scenario 1

i. Scenario 1

- Cancel booking within/outside free cancellation period or nonrefundable
- System calculates refund if any based upon cancellation charges
- System refunds booking user if any
- System deletes tokenization for credit card

Feature // *Payments* (28.)

General

Confirmed

Cancelled

Functionality //

a) General

- Stripe embedded form payment.
- System will only accept UK credit cards.
- Credit card details stored on stripe servers.

NOTE: Make sure to calculate all stripe fees so that when you confirm or cancel booking we are not in the minus.

b) Confirmed

- System deletes tokenization for credit card on checkout date if booking has not been cancelled.
- System sends out confirmed receipt when system captures funds.

c) Cancelled

- System sends out refund receipt when system refunds funds.
- Refund fails to booking user. System still sends out cancelled booking email and cancelled booking pdf. System does not send out refund receipt but still generates it. System sends out email refund failed explanation.

NOTE: How to refund booking user if refund fails?

Admin::

Feature // *Bookings* (29.)

General

Booking ref

Affiliate ref

Main guest details

Date booking was made

Check in & check out dates

Booking status

Refund status

Net price

Markup earned

Discount

Booking fee

Total price

Functionality //

a) General

NOTE: The admin user should be able to filter a specific date range for checkout dates and calculate the total net price.

b) Booking ref

- Admin user can search booking ref.

c) Affiliate ref

- Will display information.

d) Main guest details

Main guest full name

Email

Room number and name

- Will display all main guest/s of booking.

e) Date booking was made

- Will display information.

f) Check in & check out dates

- Will display information.

g) Booking status

Confirmed
Cancelled

- Will display information.

h) Refund status

Confirmed
Failed

- Admin user can filter refund status.

i) Net price

- Will display net price in GBP.

j) Markup earned

- Will display markup earned for booking in GBP.

k) Discount

- Will display discount applied in GBP if any.
- Coupon or weekly deals title will display if any.

l) Booking fee

- Will display booking fee in GBP.

m) Total price

- Will display total price in GBP.

Feature // *Booking PDF* (30.)

Booking ref
Affiliate ref
Confirmed booking pdf
Cancelled booking pdf
Confirmed receipt pdf
Refund receipt pdf

Functionality //

a) Booking ref

- Admin user can search booking ref.

b) Affiliate ref

- Will display information.

c) Confirmed booking pdf

- Admin user can view confirmed booking.
- Admin user can download confirmed booking.

d) Cancelled booking pdf

- Admin user can view cancelled booking.
- Admin user can download cancelled booking.

e) Confirmed receipt pdf

- Admin user can view confirmed receipt.
- Admin user can download confirmed receipt.

f) Refund receipt pdf

- Admin user can view refund receipt.
- Admin user can download refund receipt.

Feature // *Monthly revenue* (31.)

Title

Total net price

Total markup earned

Total booking fee

Total monthly revenue

Functionality //

a) Title

- Monthly (January, February etc.)
- System will place bookings in each category based upon the checkout date. Eg: If checkout date falls in July then booking will be added to July monthly revenue.

b) Total net price

- Will display total net price in GBP.

c) Total markup earned

- Will display total markup earned in GBP.

d) Total booking fee

- Will display total booking fee in GBP.

e) Total monthly revenue

- Will display total monthly revenue in GBP.

Feature // Markup (32.)

Markup percentage

Add button

Markup (pop up)

Delete button

Functionality //

a) Markup percentage

- Will display if markup percentage is saved.

b) Add button

- Will display if no markup percentage is saved.
- Admin user clicks add button. Markup (pop up) will display.

c) Markup (pop up)

Markup percentage (drop down)

5%

7.5%

10%

12.5%

15%

17.5%

20%

Save button

Cancel button

- Markup percentage drop down required.

d) Delete button

- Will display if markup percentage is saved.
- Admin user clicks delete button. Pop up will appear. Admin user clicks no. Popup will close. Markup percentage is still saved.
- Admin user clicks delete button. Pop up will appear. Admin user clicks yes. Popup will close. Markup percentage is deleted.

Feature // *Discount* (33.)

Coupon

Weekly deals

Functionality //

a) Coupon

General

Coupon

Discount percentage

Add button

Discount (pop up)

Delete button

i. General

- If coupon is not saved. Coupon will not display on frontend.

ii. Coupon

- Will display relevant title if saved.

iii. Discount percentage

- Will display relevant discount percentage if saved.

iv. Add button

- Will display add button unless all coupon titles are saved.
- Admin user clicks add button. Discount (pop up) will display.

v. Discount (pop up)

Title (drop down)

Weekend super saver

Weekly super saver

Coupon code (input field)

Conditions

Selection by days (Mon – Sun)

Minimum number of nights

Minimum spend (GBP)

Discount percentage (drop down)

5%

7%

10%

Save button
Cancel button

- Title drop down required.
- Coupon code minimum 1 character or 1 number required.
- Discount percentage drop down required.

vi. Delete button

- Will display if coupon is saved.
- Admin user clicks delete button. Pop up will appear. Admin user clicks no. Popup will close. Coupon is still saved.
- Admin user clicks delete button. Pop up will appear. Admin user clicks yes. Popup will close. Coupon is deleted.

b) Weekly deals

General
Discount percentage
Add button
Discount (pop up)
Delete button

i. General

- If discount percentage is not saved. Weekly deals will not display on frontend.

ii. Discount percentage

- Will display if discount percentage is saved.

iii. Add button

- Will display if no discount percentage is saved.
- Admin user clicks add button. Discount (pop up) will display.

iv. Discount (pop up)

Discount percentage (drop down)

5%
7%
10%

Save button
Cancel button

- Discount percentage drop down required.

v. Delete button

- Will display if discount percentage is saved.
- Admin user clicks delete button. Pop up will appear. Admin user clicks no. Popup will close. Discount percentage is still saved.
- Admin user clicks delete button. Pop up will appear. Admin user clicks yes. Popup will close. Discount percentage is deleted.

NOTE: If admin user deletes discount percentage. The system should clear any cached properties if any.

Feature // Settings (34.)

Change email

Change password

Functionality // pop up

a) Change email

New email

Confirm new email

Change email button

i. New email, Confirm new email

- Emails will not be case sensitive.
- Admin user clicks change email button. Not email format. Red line will appear around both input fields. Red text will display "Please use a valid email".
- Admin user clicks change email button. Emails are not matching. Red line will appear around both input fields. Red text will display "Emails do not match".
- Admin user clicks change email button. Email is already registered to another admin user account. Red line will appear around both input fields. Red text will display "Email is already registered".

ii. Change email button

- Admin user clicks change email button. 1 or more input fields are empty. Red line will appear around empty input field/s.
- Admin user clicks change email button. All fields correct. Pop up will appear. Text will display "Congratulations, You have changed your email". System sends out changed email email confirmation.

b) Change password

New password
Confirm new password
Change password button

- i. New password, Confirm new password
 - Minimum 5 characters required.
 - Passwords will be case sensitive.
 - Admin user clicks change password button. Passwords are not matching. Red line will appear around both input fields. Red text will display "Passwords do not match".
 - Admin user clicks change password button. Password is <5 characters long. Red line will appear around both input fields. Red text will display "Password must be 5 characters minimum".
- ii. Change password button
 - Admin user clicks change password button. 1 or more input fields are empty. Red line will appear around empty input field/s.
 - Admin user clicks change password button. All fields correct. Admin user entered previously used password. Red line will appear around both input fields. Red text will display "Sorry, This password has already been used. Please choose another".
 - Admin user clicks change password button. All fields correct. Pop up will appear. Text will display "Congratulations, You have changed your password". System sends out changed password email confirmation.

Yalago api::

Feature // *Guidelines* (35.)

General

Functionality //

a) General

- Pull/push requests asynchronously.
- System will not allow to show properties which have availability of IsOnRequest.

- System will not sell GetPackagePrice.
- System will not sell IsPayAtHotel.
- System will not sell Extras.
- Pull static data via api.
- Cache static data and update once a week via api.
- Dates and timezone cancellation policies must be converted to local property dates and timezone.

NOTE: I would like use Masterroomtypes instead of Standardroomtypes.

Integrations::

Feature // *Api Links* (36.)

Travel api
Payment
Email
Map
Analytics

Functionality //

a) Travel api

Yalago api

- Booking api json
- Static data

b) Payment

Stripe

- <https://docs.stripe.com/>

c) Email

Amazon SES

- <https://aws.amazon.com/ses/>

d) Map

Stadia

- <https://docs.stadiamaps.com/>

e) Analytics

Google

- <https://developers.google.com/analytics/devguides/reporting/core/v4>

Other Pages::

- Outside UK page
- FAQ page
- General layout for terms and conditions, privacy policy and cookies policy

Other Requirements::

SPA (Single page application)

Rest API

Mobile responsive (375px, 576px, 768px, 992px, 1200px)

Cross-browser compatibility

Basic SEO optimisation

UK ip address only

Cookies banner

English language

GBP currency