| Input | Process | Output |
|----------------------|--|---|
| Bed icon | Take user to home page | User is redirected to home page |
| Locations | Take user to locations page | User is redirected to locations page |
| Find a room | Take user to search page | User is redirected to search page |
| Check in | Take user to check in page | User is redirected to check in page |
| First name | Check if area is filled Add first name to guest record | First name added to booking data |
| Last name | Check if area is filled Add last name to guest record | Last name added to booking data |
| Email | Check if area is filled Add email to guest record | Email added to booking data |
| Phone number | Check if area is filled Add phone number to guest record | Phone number added to booking data |
| Photo ID file | Check if area is filled Analyse photo Add photo data to guest record | Photo data added to booking data |
| Submit button (book) | Confirms data Adds data entered by user | All booking/guest info added to booking records |

| | to system Check if all areas are filled in | |
|--------------------------|--|---|
| Webcam | Display live video taken from webcam | Camera footage is displayed on screen |
| Begin button | Turn camera on Hide button after pressed | Begins check in process Camera is turned on |
| Retake button | Turn camera back on | Camera is turned on |
| Take photo button | Takes photo Display photo in canvas Turn camera off | Photo is displayed in the canvas Camera is turned off |
| Submit button (check in) | Confirm final photo Analyse photo Compare to photo to guest records | Matching guest information is displayed Confirm button is displayed |
| Confirm button | Confirm the correct booking details are found Fetch current room details | "Enjoy your stay" is displayed Current room details displayed |
| Location | Location is input into desired stay details | Location added to stay details |
| Date | Date is input into desired stay details | Date added to stay details |
| Days | Number of days input into desired stay details Cost calculated | Days added to stay details Estimated cost is added to displayed hotel rooms |
| Guests | Number of guests input into desired stay details | Number of guests added to stay details |

| Search button | Find room based on inputted (stay) details Display results | Search results are displayed or "no rooms available" |
|------------------------------|--|--|
| Book button (room info page) | Take user to booking page | User is redirected to booking page |