(WEB322) -Web Programming Tools and Frameworks
ASSIGNMENT 3

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Github: https://github.com/castielqiu/web322_a1v1

Heroku: **https://web322-a1.herokuapp.com/**

App.js

```
const express = require("express");

const exphbs = require('express-handlebars');

const app = express();

const bodyParser = require("body-parser");

const mongoose = require('mongoose');

app.use(express.static('public'));
app.use(bodyParser.urlencoded({extended:true}));
app.engine('handlebars', exphbs());
app.set('view engine', 'handlebars');


//mongoose
const                                                                DBURL=
"mongodb+srv://cass:allen408@cluster0-a7kxx.mongodb.net/test?retryWrites=true&
w=majority";
mongoose.connect(DBURL, {useNewUrlParser: true,
                    useUnifiedTopology: true})

.then(()=>{
    console.log(`Database is connected`)
})

.catch(err=>{
    console.log(`not connected : ${err}`);
})


app.get("/", (req, res) => {

    res.render("home")
});
```

```
app.get("/room", (req, res) => {

    res.render("room")
});
app.get("/sign", (req, res) => {

    res.render("sign")
});
app.post("/sign",(req,res)=>
{
    /* create object */
    const Tasks=require("./task/task");

    const formData ={
        firstname:req.body.firstname,
        lastname:req.body.lastname,
        email:req.body.email,
        password:req.body.password,
        birthday:req.body.birthday,
    }

    const ta = new Tasks(formData);
    ta.save()
    .then(() =>
    {
        console.log('Task was inserted into database')
    })
    .catch((err)=>{
        console.log(`Task was not inserted into the database because ${err}`)
    })

    /* if empty input then tell user re-enter  */

    const error=[];
    if(req.body.lastname=="")
    {
        error.push("Please enter your Lastname")
    }
    if(req.body.firstname=="")
    {
```

```
        error.push("Please enter your Firstname")
    }
    if(req.body.email=="")
    {
        error.push("Please enter your Email")
    }
    if(req.body.password=="")
    {
        error.push("Please enter your Password")
    }
    if(req.body.birthday=="")
    {
        error.push("Please enter your Birthday")
    }
    if(error.length > 0)
      {

         res.render("sign",
         {
            message:error
         })
      }
      else

      /*password and username validation */

      {
        if(!(/^[a-zA-Z0-9]{6,12}$/.test(req.body.password)))
        {
             error.push("invalid password,password must be at least 6 letters
or numbers ");
        }
        if(!(/^[a-zA-Z]{2,20}$/.test(req.body.lastname)))
        {
        error.push("invalid Lastname")
        }
        if(!(/^[a-zA-Z]{2,20}$/.test(req.body.firstname)))
        {
        error.push("invalid Firstname")
        }
```

```
        if(error.length > 0)
         {

          res.render("sign",
          {
             message:error
          })
        }
        else
        {


         // send email
         const nodemailer = require('nodemailer');
         const sgTransport = require('nodemailer-sendgrid-transport');

         const keys =require('./keys/key');

         const options=
          {
            auth: {
                api_key: keys.sendgrid_key
            }
        }
         const text=`Dear ${req.body.firstname}`
       const mailer = nodemailer.createTransport(sgTransport(options));

         const email = {
            to: `${req.body.email}`,
            from: 'admin@myzhiwei.com',
            subject: 'confirmation',
            text: `Congratulation! you are one of us!!!!`,
            html: `Congratulation! you are one of us!!!!`
         };

         mailer.sendMail(email, (err, res)=> {
            if (err) {
                console.log(err)
            }
            console.log(res);
```

```
        });
        res.redirect("/room");
        }

        }
      }
)
app.get("/login", (req, res) => {

    res.render("login")
});
app.post("/login",(req,res)=>{

    const errors =[];
// check empty input
    if(req.body.username=="")
    {
        errors.push("Please enter your username")
    }

    if(req.body.password=="")
    {
        errors.push("Please enter your password")
    }

      if(errors.length > 0)
      {

          res.render("login",
          {
             message:errors
          })
      }

      else
      // validate password format
      {
            if(/^[a-zA-Z0-9]{6,12}$/.test(req.body.password))
        {
           res.redirect("/room");
```

```
      }
      else
      {
        res.render("login",
        {
           message:["Password must have letters and numbers only"]
        })
      }
    }

});
const PORT = process.env.PORT || 3000;
app.listen(PORT);
```

CSS

```
/* template*/
header{
        font-family:  Circular,  -apple-system,  BlinkMacSystemFont,  Roboto,
Helvetica Neue, sans-serif;
font-size: .875rem;
line-height: 1.43;
color: #484848;
padding-top:1rem;
}
body
{

background-image:
url("https://a0.muscache.com/4ea/air/r:w3100-h2074-sfit,e:fjpg-c80/pictures/0f
fd8594-f123-43f0-85bb-7ef88c6f0624.jpg");
background-repeat:no-repeat;
background-size: cover;
}
svg{
    height: 1em;
width: 1em;
display:inline-block;
color:white;
}
#logo{
    display: inline-block   ;
```

```
vertical-align: middle   ;
font-size: 2.215rem   ;
transition: color 0.25s ease 0s   ;
color: rgb(255, 255, 255)   ;
padding-left:1rem;
}
#head1
{
    display: grid;
    grid-template-columns: 9.8fr .2fr;
}
.nav
{
    display: inline-block   ;
    padding: 1rem   ;
    vertical-align: middle   ;
line-height: 3   ;
border-bottom: .125rem solid transparent   ;
color:white;
font-size: inherit;
font-family: inherit;
}
#box1
{
    height: 100%   ;
vertical-align: middle   ;
box-sizing: border-box   ;
border-bottom: .125rem solid transparent   ;
width:9.5rem;
}
#box2
{
    height: 100%   ;
vertical-align: middle   ;
box-sizing: border-box   ;
border-bottom: .125rem solid transparent   ;
width:10rem;
}
.box3
{
```

```
    height: 100%   ;
vertical-align: middle   ;
box-sizing: border-box   ;
border-bottom: .125rem solid transparent   ;
width:5rem;
}


ul
{
    list-style-type: none;
    margin: 0;
  padding: 0;
}
.nav:hover{
    border-bottom: .1rem solid white  ;
}
#nav_grid
{
    display: grid;
    grid-template-columns: 1fr 1fr 1fr 1fr 1fr;
}
.footer1{
    margin: 0rem   ;
overflow-wrap: break-word   ;
font-family:  Circular,  -apple-system,  BlinkMacSystemFont,  Roboto,  Helvetica
Neue, sans-serif   ;
font-size: .875rem   ;
font-weight: 800   ;
line-height: 1.28571em   ;
color: rgb(72, 72, 72)   ;
}
a{
    text-decoration:none;
}
footer{
    padding-top:8rem;
}
footer a{
    color:white;
```

```
}
#footer_grid
{
    display:grid;
    grid-template-columns:1fr 1fr 1fr 1fr;
    grid-column-gap: 8rem;
}
.footer_media
{
    display: inline-block   ;
padding-left: .5rem   ;
padding-right: .5rem   ;
vertical-align: middle   ;

}
footer svg{
    height: 1.125rem;
width: 1.125rem;
display: inline-block;
fill:blue;
}
.footer_link
{
    cursor: pointer   ;
background-color: transparent   ;
color: blue   ;
border: 0rem none   ;
display: inline  ;
padding: 0rem; margin: 0rem;
}
#footer_logo
{
    padding-left: 5rem;
    padding-top:3rem;
}
#footer_list_logos
{
    display: inline-block   ;
margin-left: -.3125rem   ;
white-space: nowrap   ;
```

```
vertical-align: middle   ;
}
#footer_terms
{
    margin-bottom: .25rem   ;
margin-top: 1rem   ;
}
.footer_privacy
{
    margin-bottom: .25rem   ;
    color:white;
}
#footer_main
{
    padding: .9375rem   ;
    max-width: 67.5rem   ;
    margin: 0rem auto   ;
position: relative   ;
background-color:transparent;
}
#footer_bottom
{
    margin: 0rem   ;
overflow-wrap: break-word   ;
font-family: Circular, -apple-system, BlinkMacSystemFont, Roboto, Helvetica
Neue, sans-serif   ;
font-size: .875rem   ;
font-weight: 600   ;
line-height: 1.28571em   ;
color: rgb(118, 118, 118)   ;
padding-left:0.1rem;
}
#footer_bottom2
{
    display: inline-flex;
    padding:0;
}
#footer_bottom3
{
    display: grid;
```

```
    grid-template-columns:.1fr 9.9fr;
    padding:0;
}
#footer_svg_bottom
{
    padding-left:2rem;
}


/*home page*/

#home
{
    margin: 0rem auto   ;
position: relative   ;
max-width: 110rem   ;
padding-right: 5rem   ;
padding-left: 0rem   ;
}
#home1
{
    background: rgb(255, 255, 255) none repeat scroll 0% 0%   ;
    border-radius: .25rem   ;
    padding: 2rem 2rem 1.5rem   ;
    width: 27.5625rem   ;
    box-shadow: rgba(0, 0, 0, 0.12) 0rem 1rem 2.5rem   ;
}
.home2
{
    font-size: 1rem   ;
line-height: 2.25rem   ;
letter-spacing: normal   ;
font-family: Circular, -apple-system, BlinkMacSystemFont, Roboto, Helvetica
Neue, sans-serif   ;
color: rgb(72, 72, 72)   ;
margin: 0rem   ;
padding: 0rem   ;
}
.home_labels
{
```

```
    margin: 0rem   ;
overflow-wrap: break-word   ;
font-family:  Circular,  -apple-system,  BlinkMacSystemFont,  Roboto,  Helvetica
Neue, sans-serif   ;
font-size: .75rem   ;
font-weight: 800   ;
line-height: 1.33333em   ;
letter-spacing: 0.0833333em   ;
color: rgb(72, 72, 72)   ;
padding-bottom: 1rem;
}
.home_whereIP
{
    -moz-box-align: center   ;
    padding-left: .75rem   ;
    padding-right: .75rem   ;
    position: relative   ;
    align-items: center   ;
    background-color: rgb(255, 255, 255)   ;
    display: flex   ;
    height: 3rem   ;
    width: 100%   ;
    border:0.0625rem solid sliver;

    font-size: 1.0625rem   ;
background-color: transparent   ;
margin: 0rem   ;
padding: 0rem   ;
width: 100%   ;
text-overflow: ellipsis   ;
}

.home_date
{
    font-size: var(--font-form-element-font-size, 1.0625rem)   ;
line-height: var(--font-form-element-line-height, 1.5rem)   ;
letter-spacing: var(--font-form-element-letter-spacing, normal)   ;

text-transform: var(--font-form-element-text-transform, undefined)   ;
color: var(--font-form-element-color, #484848)   ;
```

```
padding-top: var(--spacing-form-element-vertical, .6875rem)   ;
padding-bottom: var(--spacing-form-element-vertical, .6875rem)   ;
font-weight: var(--font-light-font-weight, normal)   ;
background-color: var(--color-clear, transparent)   ;
padding-left: var(--spacing-form-element-horizontal, 0rem)   ;
padding-right: var(--spacing-form-element-horizontal, .6875rem)   ;
border:0rem none;
}
#home_grid
{
    display: grid;
    grid-template-columns: 1fr 1fr;
    padding-top: 2rem;
}
#home_guest
{
    background: rgba(0, 0, 0, 0) none repeat scroll 0% 0%   ;
position: relative   ;
text-align: left   ;
border:0.0625rem solid rgb(235, 235, 235)   ;
border-radius: 0.1875rem   ;
padding: .5rem 0.6875rem 0.6875   ;
font-size: 1rem   ;
font-weight: 400   ;
line-height: normal   ;
display: block   ;
width: 100%   ;
height: 3rem   ;
color: rgb(118, 118, 118)   ;
}
#home_svg
{
    position: absolute   ;
right: .6875rem   ;
top: 0rem   ;
bottom: 0rem   ;
margin: auto   ;
pointer-events: none   ;
display: block   ;
height: .75rem   ;
```

```
width: .75rem   ;
}
#home1{
color:white;
}
#home_promo
{
    font-size: 2rem;
    height:15rem;
    margin-top:1rem;
    text-align: center;
    padding-top: 5rem;


}
#home_promo2
{
    background-image: url(promo.png);
    background-repeat: no-repeat;
    z-index: -1;
    height: 10rem;
    margin-top: 3rem;
    background-size: cover;
    opacity: 0.6;
}
.home_promo3
{
    font-size: 2rem;
font-weight: normal;
color:white;
text-align: center;
}
#home_invitebox
{
    background-color: white;
    width:8rem;
    height: 3rem;
    text-align: center;
    margin-left:40rem;
    margin-top:1rem;
```

```
        font-family:  Circular,  -apple-system,  BlinkMacSystemFont,  Roboto,
Helvetica Neue, sans-serif;
    font-size: .875rem;
    line-height: 1.43;
}
#home_aboutus{

    width:auto;
    background-image: url(/aboutus.jpg);
    background-repeat: no-repeat;
    background-size: cover;
    opacity: 0.6;
    height: 19.55rem;
    background-size: cover;
}
#home_aboutus_grid
{
    display: grid;
    grid-template-columns: 1fr 4fr;
    padding-top: 1rem;

}
#home_aboutus_label
{
    font-size: 2rem;
    line-height: 1.375;
    font-weight: 600;
    color:white;
    padding-left: 1rem;
}

#home_aboutus_p
{
    font-size: 1rem;
    line-height: 1.66667;
    text-rendering: optimizeLegibility;
    color:white;
    font-family: Cereal,sans-serif;
    padding-left: 1rem;
}
```

```css
/* room */

#room_main
{
    background-color: white;
}
#room_h2
{
    font-size: 2.5rem;
    color: #363636;
    font-family: "Josefin Sans", sans-serif;
font-weight: 600;
line-height: 1.125rem;
text-align: center;
}
.room_grid
{
    display: grid;
    grid-template-columns: 1fr 1fr 1fr;
    padding: 1rem;
    grid-column-gap: 1rem;
}
.room_des1
{
    color: rgb(34, 34, 34)   ;
font-family:  Circular,  -apple-system,  BlinkMacSystemFont,  Roboto,  Helvetica
Neue, sans-serif   ;
font-weight: 400   ;
font-size: 1.125rem   ;
line-height: 1.5rem   ;
max-height: 1.5rem   ;
overflow: hidden   ;
text-overflow: ellipsis   ;
display: -webkit-box   ;
-webkit-line-clamp: 1   ;
-moz-box-orient: vertical   ;
margin-top:.75rem;
}
.room_des2
{
```

```
    color: rgb(34, 34, 34)   ;
        font-family:  Circular,  -apple-system,  BlinkMacSystemFont,  Roboto,
Helvetica Neue, sans-serif   ;
    font-weight: 400   ;
    font-size: 1.125rem   ;
    line-height: 1.5rem  ;
    max-height: 1.5rem   ;
    overflow: hidden   ;
    text-overflow: ellipsis   ;
    display: -webkit-box   ;
    -webkit-line-clamp: 1   ;
    -moz-box-orient: vertical   ;
}
.room_des3
{
    -moz-box-align: center   ;
    align-items: center   ;
    color: rgb(34, 34, 34)   ;
    display: flex   ;
        font-family:  Circular,  -apple-system,  BlinkMacSystemFont,  Roboto,
Helvetica Neue, sans-serif   ;
    font-weight: 400   ;
    font-size: 1.125rem   ;
    line-height: 1.5rem   ;
    margin-top:.75rem;
}
.room_img_box
{
    padding: .75rem;
    border:0.0625rem solid grey;
}
.room_img_boxinner
{
    border-radius: .375rem;
display: block;
padding: 1.25rem;
}

.room_img
{
```

```
    height: auto;
    width:100%;
    display: block;
}
.room_price
{
    font-weight:bold;
}
/* sign up */

#signup_grid
{
    display: grid;
    grid-template-columns: 1.5fr 2fr 1.5fr;
}
.signup_box1
{
    display: hidden;
}
#signup_box2
{
    background-color: white;
}
#signup_or
{
    padding-top:.5rem;
    padding-bottom: .5rem;
    color:black;
    font-size: 1.5rem;
    text-align: center;
    line-height: 3rem;
    font-family: "Josefin Sans", sans-serif;
}
.signup_label
{
    margin: 0rem  ;
    overflow-wrap: break-word   ;
        font-family:  Circular,  -apple-system,  BlinkMacSystemFont,  Roboto,
Helvetica Neue, sans-serif   ;
    font-size: 1rem   ;
```

```
    font-weight: 800   ;
    line-height: 1.33333em   ;
    letter-spacing: 0.0833333em   ;
    color: rgb(72, 72, 72)   ;
    padding-left:.5rem;
}
.signup_input
{
    -moz-box-align: center   ;
    position: relative   ;
    align-items: center   ;
    background-color: rgb(255, 255, 255)   ;
    display: flex   ;
    height: 1.875rem   ;
    font-size: 1.25rem   ;
border: 0.0625rem solid sliver;
border-radius: .3125rem;
margin: 0rem  ;
padding: 0rem   ;
width: 100%   ;
text-overflow: ellipsis   ;
}
.signup_input2
{
    padding: 1rem .5rem 2rem .5rem;
}
#signup_submit
{
    background-color: rgb(151, 101, 103);
border-color: transparent;
color: #fff;
justify-content: center;
padding-bottom: calc(.375em - .0625rem);
padding-left: .5em;
padding-right: .75em;
padding-top: calc(.375em - .0625rem);
text-align: center;
white-space: nowrap;
font-size:2rem;
}
```

```
#signup_submit_box
{
    display: flex;
 justify-content: flex-end;
}
#signup_link
{
    text-decoration: none;
}
#signup_option
{
border-color: transparent;
color: black;
justify-content: center;
padding-bottom: calc(.375em - .0625rem);
padding-left: .5em;
padding-right: .75em;
padding-top: 2rem;
text-align: center;
white-space: nowrap;
    font-size:2rem;
        font-family:  Circular,  -apple-system,  BlinkMacSystemFont,  Roboto,
Helvetica Neue, sans-serif
}
/*login page*/

#login_maingrid
{
    display: grid;
    grid-template-columns: 1fr 1fr 1fr;
}
#login_form
{
    background-color: white;
    border: .0625rem solid sliver;
    border-radius: .3125rem;
}
.login_input
{
    width:31rem;
```

```
    padding:1rem;
    height:5rem;
    margin:1rem;
}
.login_forgot
{
    text-decoration: none;
    color:black;
    padding-left: 1rem;
}
#login_submit
{
    border-color: #ff5a5f;
    background-color: #ff5a5f;
    color: #fff;
    padding:1.25rem 1.6875rem 1.25rem 1.6875rem;
    text-align: center;
    margin:2rem;
    width:30rem;
}
#login_signup
{
    display: inline;
    margin-right: .25rem;
    line-height: 2.125rem;
    font-size: 1rem;
    padding-left:1.125rem;
}
.login_error
{
    color:red;
     font-family: Lucida Console,Lucida Sans Typewriter,monaco,Bitstream Vera
Sans Mono,monospace;
}

/* responsive design */

@media(max-width:768px)
{
   /*template*/
```

```
#nav_grid
{
    display: block;

}#box1
{
    height: auto   ;
}
#box2
{
    height: auto   ;
}
.box3
{
    height: auto  ;
}

#head1
{
    display: block;
}
#footer_grid
{
    display: block;
}

/*home page*/

#home_promo2
{
height: auto;
}
.home_promo3
{
font-size: 2rem;
width:auto;
}
#home_invitebox
{
```

```
    text-align: center;
    margin-left:20rem;
    margin-top:1rem;
    }
    #home_aboutus_grid
    {
        display: block;
    }

    /* room page*/
    .room_grid
    {
        display: block;
    }
    #room_h2
    {
        line-height: 2rem;
    }

}


@media(max-width:480px)
{
    #home_invitebox
    {
        margin-left: 10rem;
    }
}
```

Main.handlebars

```
<html>
<head>
    <meta charset="utf-8">
    <title>Airbnb</title>
    <link rel="stylesheet" href="1.css">
    <link rel="stylesheet" href="popupS.css">
</head>
<body>
 <header id="head1">
 <div id="head1">
     <div id="logo">
         <a href="/"><svg viewBox="0 0 1000 1000" role="presentation" aria-hid
den="true" focusable="false" style="height:1em;width:1em;display:block;fill:cu
rrentColor"><path d="m499.3 736.7c-51-64-81-120.1-91-168.1-10-39-6-70 11-93 18
-27 45-40 80-40s62 13 80 40c17 23 21 54 11 93-11 49-41 105-91 168.1zm362.2 43c
-7 47-39 86-83 105-85 37-169.1-22-241.1-102 119.1-149.1 141.1-265.1 90-340.2-3
0-43-73-64-128.1-64-111 0-172.1 94-148.1 203.1 14 59 51 126.1 110 201.1-37 41-
72 70-103 88-24 13-47 21-69 23-101 15-180.1-83-144.1-184.1 5-13 15-37 32-74l1-
2c55-120.1 122.1-256.1 199.1-407.2l2-5 22-42c17-31 24-45 51-62 13-8 29-12 47-1
2 36 0 64 21 76 38 6 9 13 21 22 36l21 41 3 6c77 151.1 144.1 287.1 199.1 407.2l
1 1 20 46 12 29c9.2 23.1 11.2 46.1 8.2 70.1zm46-90.1c-7-22-19-48-34-79v-1c-71-
151.1-137.1-287.1-200.1-409.2l-4-6c-45-92-77-147.1-170.1-147.1-92 0-131.1 64-1
71.1 147.1l-3 6c-63 122.1-129.1 258.1-200.1 409.2v2l-21 46c-8 19-12 29-13 32-5
1 140.1 54 263.1 181.1 263.1 1 0 5 0 10-1h14c66-8 134.1-50 203.1-125.1 69 75 1
37.1 117.1 203.1 125.1h14c5 1 9 1 10 1 127.1.1 232.1-123 181.1-263.1z"></path>
         </svg>
         </a>
     </div>

     <div >
         <nav >
         <ul id="nav_grid">
             <li><a href="/room"><div id="box1"><div class="nav">Host a home</
div></div></a></li>
              <li><a href="/room"><div id="box2"><div class="nav">Host an expe
rience</div></div></a></li>
               <li><a href="/room"><div id="box3"><div class="nav">Help</div><
/div></a></li>
                <li><a href="/sign"><div id="box3"><div class="nav">Sign up</d
iv></div></a></li>
                 <li><a href="/sign"><div id="box3"><div class="nav">Log in</d
iv></div></a></li>
         </ul>
    </nav>

    </div>
 </div>
 </header>
    {{{body}}}
 <footer >
     <div id="footer_main">
     <div id="footer_grid">
         <div>
```

```
            <h4>
                <div class="footer1">Airbnb</div>
            </h4>
            <ul>
                <li class="footer_privacy"><a href="https://careers.airbnb.co
m/">Careers</a></li>
                <li class="footer_privacy"><a href="https://press.airbnb.com/
">News</a></li>
                <li class="footer_privacy"><a href="https://www.airbnb.ca/hel
p/topic/250/terms-policies">Policies</a></li>
                <li class="footer_privacy"><a href="https://www.airbnb.ca/hel
p?from=footer">Help</a></li>
                <li class="footer_privacy"><a href="https://www.airbnb.ca/div
ersity">Diversity & Belonging</a></li>
                <li class="footer_privacy"><a href="://www.airbnb.ca/d/access
ibility">Accessibility</a></li>
            </ul>
        </div>
        <div>
            <h4>
                <div class="footer1">Discover</div>
            </h4>
            <ul>
                <li class="footer_privacy"><a href="https://www.airbnb.ca/tru
st">Trust & Safety</a></li>
                <li class="footer_privacy"><a href="https://www.airbnb.ca/inv
ite?r=6">Travel Credit</a></li>
                <li class="footer_privacy"><a href="https://www.airbnbcitizen
.com/?utm_source=airbnb&utm_medium=footer&utm_campaign=product">Airbnb Citizen
</a></li>
                <li class="footer_privacy"><a href="https://www.airbnb.ca/wor
k?s=footer">Business Travel</a></li>
                <li class="footer_privacy"><a href="https://www.airbnb.ca/thi
ngs-to-do">Things To Do</a></li>
                <li class="footer_privacy"><a href="https://www.airbnb.ca/mag
azine?locale=en">Airbnbmag</a></li>
            </ul>
        </div>
        <div>
            <h4>
                <div class="footer1">Hosting</div>
            </h4>
            <ul>
                <li class="footer_privacy"><a href="https://www.airbnb.ca/hos
t/homes?from_footer=1">Why Host</a></li>
                <li class="footer_privacy"><a href="https://www.airbnb.ca/hos
pitality">Hospitality</a></li>
                <li class="footer_privacy"><a href="https://www.airbnb.ca/hos
pitality">Responsible Hosting</a></li>
                <li class="footer_privacy"><a href="https://community.withair
bnb.com/t5/Community-Center/ct-p/community-center">Community Centre</a></li>
                <li class="footer_privacy"><a href="https://www.airbnb.ca/hos
t/experiences?from_footer=1">Host an Experience</a></li>
```

```
                <li class="footer_privacy"><a href="https://www.airbnb.ca/openhomes?from_footer=1">Open Homes</a></li>
            </ul>
        </div>
        <div id="footer_logo">
            <ul>
                <li id="footer_list_logos">
                    <span class="footer_media">
                        <a  class="footer_link" href="https://www.facebook.com/airbnb">
                            <svg viewBox="0 0 32 32" role="img" aria-label="Navigate to Facebook" focusable="false" style="height: 18px; width: 18px; display: block; fill: rgb(118, 118, 118);"><path d="m8 14.41v-4.17c0-.42.35-.81.77-.81h2.52v-2.08c0-4.84 2.48-7.31 7.42-7.35 1.65 0 3.22.21 4.69.64.46.14.63.42.63.88l-.56 4.06c-.04.18-.14.35-.32.53-.21.11-.42.18-.63.14-.88-.25-1.78-.35-2.8-.35-1.4 0-1.61.28-1.61 1.73v1.8h4.52c.42 0 .81.42.81.88l-.35 4.17c0 .42-.35.71-.77.71h-4.21v16c0 .42-.35.81-.77.81h-5.21c-.42 0-.8-.39-.8-.81v-16h-2.52a.78.78 0 0 1 -.78-.78" fill-rule="evenodd"></path>
                            </svg>
                        </a>
                    </span>
                    <span class="footer_media">
                        <a class="footer_link" href="https://twitter.com/airbnb">
                            <svg viewBox="0 0 32 32" role="img" aria-label="Navigate to Twitter" focusable="false" style="height: 18px; width: 18px; display: block; fill: rgb(118, 118, 118);"><path d="m31 6.36c-1.16.49-2.32.82-3.55.95 1.29-.76 2.22-1.87 2.72-3.38a13.05 13.05 0 0 1 -3.91 1.51c-1.23-1.28-2.75-1.94-4.51-1.94-3.41 0-6.17 2.73-6.17 6.12 0 .49.07.95.17 1.38-4.94-.23-9.51-2.6-12.66-6.38-.56.95-.86 1.97-.86 3.09 0 2.07 1.03 3.91 2.75 5.06-1-.03-1.92-.3-2.82-.76v.07c0 2.89 2.12 5.42 4.94 5.98-.63.17-1.16.23-1.62.23-.3 0-.7-.03-1.13-.13a6.07 6.07 0 0 0 5.74 4.24c-2.22 1.74-4.78 2.63-7.66 2.63-.56 0-1.06-.03-1.43-.1 2.85 1.84 6 2.76 9.41 2.76 7.29 0 12.83-4.01 15.51-9.3 1.36-2.66 2.02-5.36 2.02-8.09v-.46c-.03-.17-.03-.3-.03-.33a12.66 12.66 0 0 0 3.09-3.16" fill-rule="evenodd"></path>
                            </svg>
                        </a>
                    </span>
                    <span class="footer_media">
                        <a class="footer_link" href="https//www.instagram.com/airbnb/">
                            <svg viewBox="0 0 24 24" role="img" aria-label="Navigate to Instagram" focusable="false" style="height: 18px; width: 18px; display: block; fill: rgb(118, 118, 118);"><path d="m23.09.91c-.61-.61-1.33-.91-2.17-.91h-17.84c-.85 0-1.57.3-2.17.91s-.91 1.33-.91 2.17v17.84c0 .85.3 1.57.91 2.17s1.33.91 2.17.91h17.84c.85 0 1.57-.3 2.17-.91s.91-1.33.91-2.17v-17.84c0-.85-.3-1.57-.91-2.17zm-14.48 7.74c.94-.91 2.08-1.37 3.4-1.37 1.33 0 2.47.46 3.41 1.37s1.41 2.01 1.41 3.3-.47 2.39-1.41 3.3-2.08 1.37-3.41 1.37c-1.32 0-2.46-.46-3.4-1.37s-1.41-2.01-1.41-3.3.47-2.39 1.41-3.3zm12.66 11.63c0 .27-.09.5-.28.68a.92.92 0 0 1 -.67.28h-16.7a.93.93 0 0 1 -.68-.28.92.92 0 0 1 -.27-.68v-10.13h2.2a6.74 6.74 0 0 0 -.31 2.05c0 2 .73 3.71 2.19 5.12s3.21 2.12 5.27 2.12a7.5 7.5 0 0 0 3.75-.97 7.29 7.29 0 0 0 2.72-2.63 6.93 6.93 0 0 0 1-3.63c0-.71-.11-1.39-.31-2.05h2.11v10.12zm0-13.95c0 .3-.11.56-.31.77a1.05 1.05 0 0 1 -.77.31h-2.72c-.3 0-.56-.11-.77-.31a1.05 1.05 0 0 1 -.31-.77v-2.58c0-.29.11-.54.31-.76s.
```

```
47-.32.77-.32h2.72c.3 0 .56.11.77.32s.31.47.31.76z" fill-rule="evenodd"></path
>
                            </svg>
                        </a>
                    </span>
                </li>
                <li id="footer_terms"><a href="https://www.airbnb.ca/terms">T
erms</a></li>
                <li class="footer_privacy"><a href="https://www.airbnb.ca/ter
ms/privacy_policy">Privacy</a></li>
                <li class="footer_privacy"><a href="https://www.airbnb.ca/sit
emaps/v2">Site Map</a></li>
            </ul>
        </div>
    </div>
    </div>
        <div id="footer_bottom3">
            <svg  id="footer_svg_bottom"viewBox="0 0 1000 1000" role="present
ation" aria-hidden="true" focusable="false" style="height: 1.5em; width: 1.5em
; display: block; fill: rgb(118, 118, 118);"><path d="m499.3 736.7c-51-64-81-1
20.1-91-168.1-10-39-6-70 11-93 18-27 45-40 80-40s62 13 80 40c17 23 21 54 11 93
-11 49-41 105-91 168.1zm362.2 43c-7 47-39 86-83 105-85 37-169.1-22-241.1-102 1
19.1-149.1 141.1-265.1 90-340.2-30-43-73-64-128.1-64-111 0-172.1 94-148.1 203.
1 14 59 51 126.1 110 201.1-37 41-72 70-103 88-24 13-47 21-69 23-101 15-180.1-8
3-144.1-184.1 5-13 15-37 32-74l1-2c55-120.1 122.1-256.1 199.1-407.2l2-5 22-42c
17-31 24-45 51-62 13-8 29-12 47-12 36 0 64 21 76 38 6 9 13 21 22 36l21 41 3 6c
77 151.1 144.1 287.1 199.1 407.2l1 1 20 46 12 29c9.2 23.1 11.2 46.1 8.2 70.1zm
46-90.1c-7-22-19-48-34-79v-1c-71-151.1-137.1-287.1-200.1-409.2l-4-6c-45-92-77-
147.1-170.1-147.1-92 0-131.1 64-171.1 147.1l-3 6c-63 122.1-129.1 258.1-200.1 4
09.2v2l-21 46c-8 19-12 29-13 32-51 140.1 54 263.1 181.1 263.1 1 0 5 0 10-1h14c
66-8 134.1-50 203.1-125.1 69 75 137.1 117.1 203.1 125.1h14c5 1 9 1 10 1 127.1.
1 232.1-123 181.1-263.1z"></path>
        </svg>
        <span id="footer_bottom">© 2019 Airbnb, Inc. All rights reserved.</sp
an>
    </div>
 </footer>
</body>
</html>
```

Home.handlebars

```
<div id="home">
    <div id="home1">
    <div class="home2">
        <h1>
            Book unique places to
            <br><a href="https://www.airbnb.ca/sitemaps/v2" style="color:inher
it">stay</a>
             and things to do.
        </h1>
    </div>
    <form method="POST">
        <div class="home_labels">
            WHERE
        </div>
            <select class="home_whereIP">
                <option >Anywhere</option>
                <option value="Montreal">Montreal</option>
                <option value="Vancouver">Vancouver</option>
                <option value="Calgary">Calgary</option>
                <option value="Toronto">Toronto</option>
            </select>
        <div id="home_grid">
        <div>
            <div style="margin-bottom: 8px">
                <span class="home_labels">CHECK-IN</span>
            </div>
            <div>
                <input type="date" data-veloute="checkin_input"  placeholder="
dd-mm-yyyy" class="home_date">
            </div>
        </div>
        <div>
            <div style="margin-bottom: 8px">
                <span class="home_labels">CHECKOUT</span>
            </div>
            <div>
                <input type="date" data-veloute="checkout_input"  placeholder=
"dd-mm-yyyy" class="home_date">
            </div>
            </div>
        </div>
        <div class="home_labels">
            GUESTS
        </div>
              <input  class="home_whereIP" type="number" name=number placehold
er="How many Guests?" min="0" >
    </form>
     </div>
    </div>
<div id="home_promo2">
    <div class="home_promo3">Earn money to use with Airbnb! Get up to $38 CAD
for every friend you invite.
```

```
    </div>
    <div id="home_invitebox">
        <a style="color:black" href="/sign">Log in to invite friends</a>
    </div>
    <div class="home_promo3">Don't have an account yet? <a href="/sign">Sign u
p.</a></div>
</div>
<div id="home_aboutus_grid">
    <div><iframe width="560" height="315" src="https://www.youtube.com/embed/-
XSAqfK_UwY" frameborder="0" allow="accelerometer; autoplay; encrypted-media; g
yroscope; picture-in-picture" allowfullscreen>
    </iframe>
    </div>
    <div id="home_aboutus">
        <label id="home_aboutus_label">About us</label>
    <p id="home_aboutus_p">
        Founded in 2008, Airbnb’s mission is to create a world where people ca
n belong through healthy travel that is local, authentic, diverse, inclusive a
nd sustainable. Airbnb uniquely leverages technology to economically empower m
illions of people around the world to unlock and monetize their spaces, passio
ns and talents and become hospitality entrepreneurs. Airbnb’s accommodation ma
rketplace provides access to 7 million unique places to stay in more than 100,
000 cities and 191 countries and regions. With Experiences, Airbnb offers unpr
ecedented access to local communities and interests through 40,000 unique, han
dcrafted activities run by hosts across 1,000+ cities around the world. Airbnb
’s people-to-people platform benefits all our stakeholders, including hosts, g
uests, employees and the communities in which we operate.
    </p>
    </div>
</div>
```

Room.handlebars

```
<div id="room_main">
<h2 id="room_h2">Our Rooms</h2>
<div class="room_grid">
    <div class="room_img_box">
    <div class="room_img_boxinner">
        <img  class="room_img" src="1.jpg" alt:"rooms">
    <div class="room_des1">Entire house · 2 beds</div>
    <div class="room_des2">I SETTE CONI - TRULLO EDERA</div>
    <div class="room_des3"><span class="room_price">Price: $103  CAD</span>/ni
ght</div>
    </div>
    </div>
    <div class="room_img_box">
    <div class="room_img_boxinner">
        <img class="room_img" src="2.jpg" alt:"rooms">
    <div class="room_des1">Entire house · 2 beds</div>
    <div class="room_des2">The World Famous Seashell House ~ Casa Caracol</div
>
    <div class="room_des3"><span class="room_price">Price: $400  CAD</span>/ni
ght</div>
    </div>
    </div>
    <div class="room_img_box">
        <div class="room_img_boxinner">
        <img class="room_img" src="3.jpg" alt:"rooms">
    <div class="room_des1">Hut · 2 beds</div>
    <div class="room_des2">Romantic Cabana with view</div>
    <div class="room_des3"><span class="room_price">Price: $53  CAD</span>/nig
ht</div>
    </div>
    </div>
</div>
<div class="room_grid">
    <div class="room_img_box">
    <div class="room_img_boxinner">
        <img  class="room_img" src="4.jpg" alt:"rooms">
    <div class="room_des1">Entire house · 3 beds</div>
    <div class="room_des2">Million dollar view in Cabo!!!</div>
    <div class="room_des3"><span class="room_price">Price: $132  CAD</span>/ni
ght</div>
    </div>
    </div>
    <div class="room_img_box">
    <div class="room_img_boxinner">
        <img class="room_img" src="5.jpg" alt:"rooms">
    <div class="room_des1">Entire house · 7 beds</div>
    <div class="room_des2">Villa del Toro Rojo #1 rated Superhost in Pedregal<
/div>
    <div class="room_des3"><span class="room_price">Price: $666  CAD</span>/ni
ght</div>
    </div>
    </div>
```

```
    <div class="room_img_box">
        <div class="room_img_boxinner">
        <img class="room_img" src="6.jpg" alt:"rooms">
    <div class="room_des1">Entire house · 1 bed</div>
    <div class="room_des2">Cabo Center,Ocean view Great price!</div>
    <div class="room_des3"><span class="room_price">Price: $39  CAD</span>/nig
ht</div>
    </div>
    </div>
</div>
</div>
```

Sign.handlebars

```
<div id="signup_grid">
    <div class="signup_box1"></div>

    <div id="signup_box2">

        <div id="signup_option">
            Sign up with <a class=" signup_link" href="facebook.com">Facebook<
/a> or <a class="signup_link" href="google.com">Google</a>
        </div>

    <div id="signup_or">
     or
    </div>
<div>
<form method="POST">
<label class="signup_label">First Name</label>
<div  class="signup_input2">
    <input class="signup_input" type="text" name=firstname placeholder="First
Name">
</div>
<label class="signup_label">Last Name</label>
<div  class="signup_input2">
    <input class="signup_input" type="text" name=lastname placeholder="Last Na
me">
</div>
<label class="signup_label">Email</label>
<div  class="signup_input2">
    <input class="signup_input" type="email" name=email placeholder="Email">
</div>
<label class="signup_label">Password</label>
<div  class="signup_input2">
    <input class="signup_input" type="password" name=password placeholder="Pas
sword">
</div>
<label class="signup_label">Birthday</label>
<div  class="signup_input2">
    <input class="signup_input" type="date" name=Birthday placeholder="Birthda
y">
</div>
 <div id="signup_submit_box">
     <input  id="signup_submit"type="submit" value="Sign up">
 </div>
</form>
</div>
</div>
    <divclass="signup_box1"></div>
</div>
```

task.js

```
const mongoose = require('mongoose');

const Schema = mongoose.Schema;

  const taskSchema = new Schema({
    firstname:  String,
    lastname: String,
    email:String,
    password:String,
    birthday:Date
  });
  const Tasks = mongoose.model('Tasks', taskSchema);
  module.exports=Tasks;
```

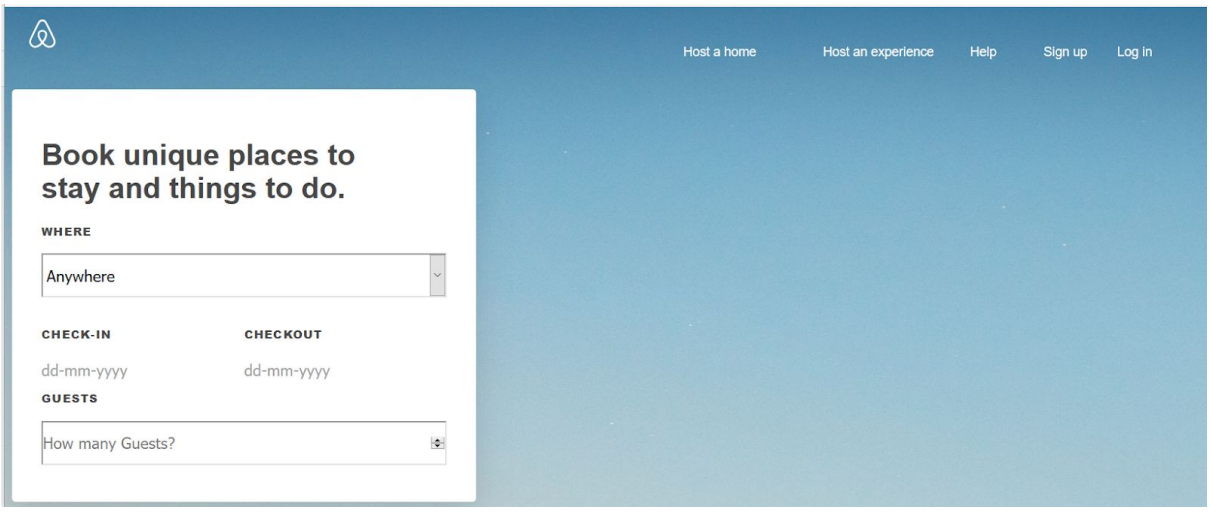
key.js

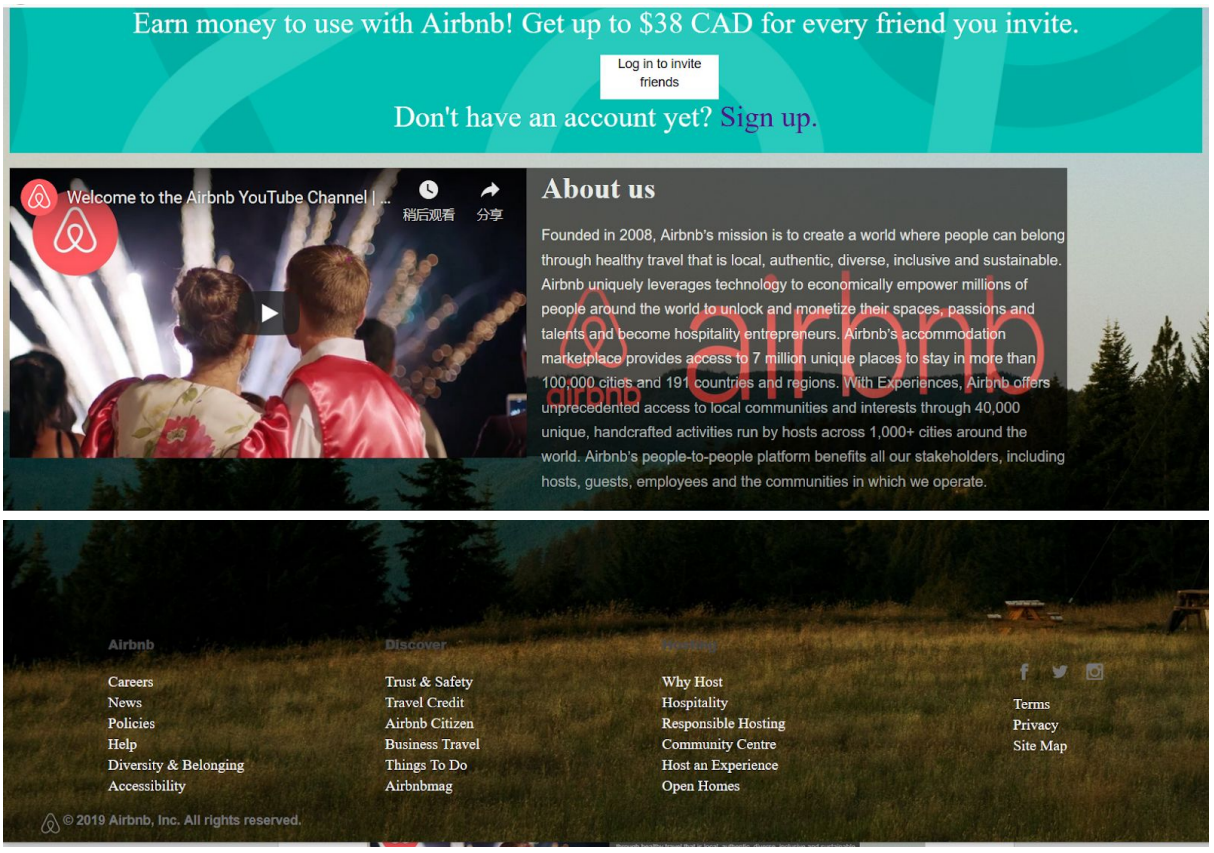
```
const keys =
{

sendgrid_key:'SG.zaeX8I2aRviZIgkKkkPQfw.2Pc2SDI81ASz-lHl2rao_3VFYswpimsXaN7tq4
a1IUI'
}
module.exports = keys;
```

Screenshot

All pages are using same template(main.handlebars), share same headers,footers.

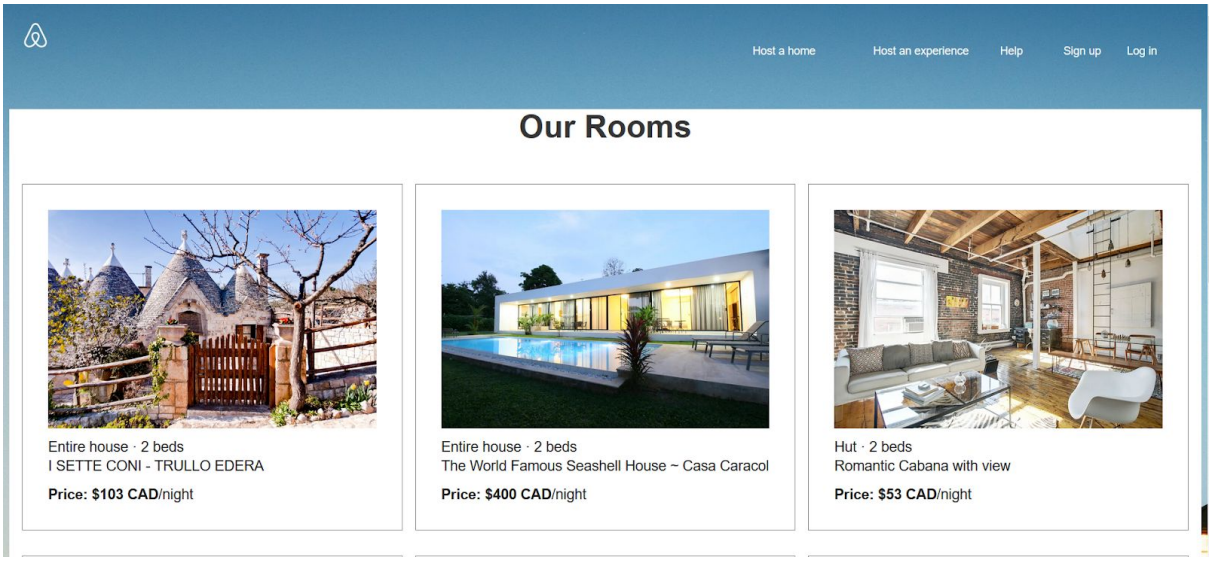
Homepage:

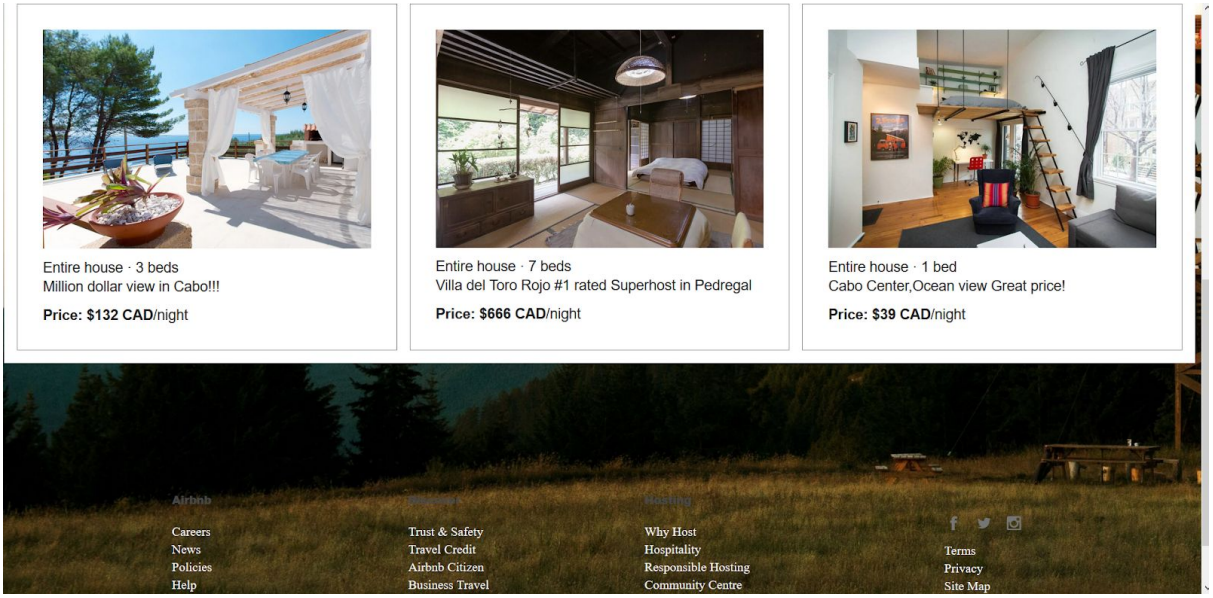




This page contains a form collect user's information (a dropdown list contains 4 Canada cities; 2 input boxes for dates, one drops down list for number of guests). One banner for promotion, one video, one picture and one paragraph to introduce Airbnb.

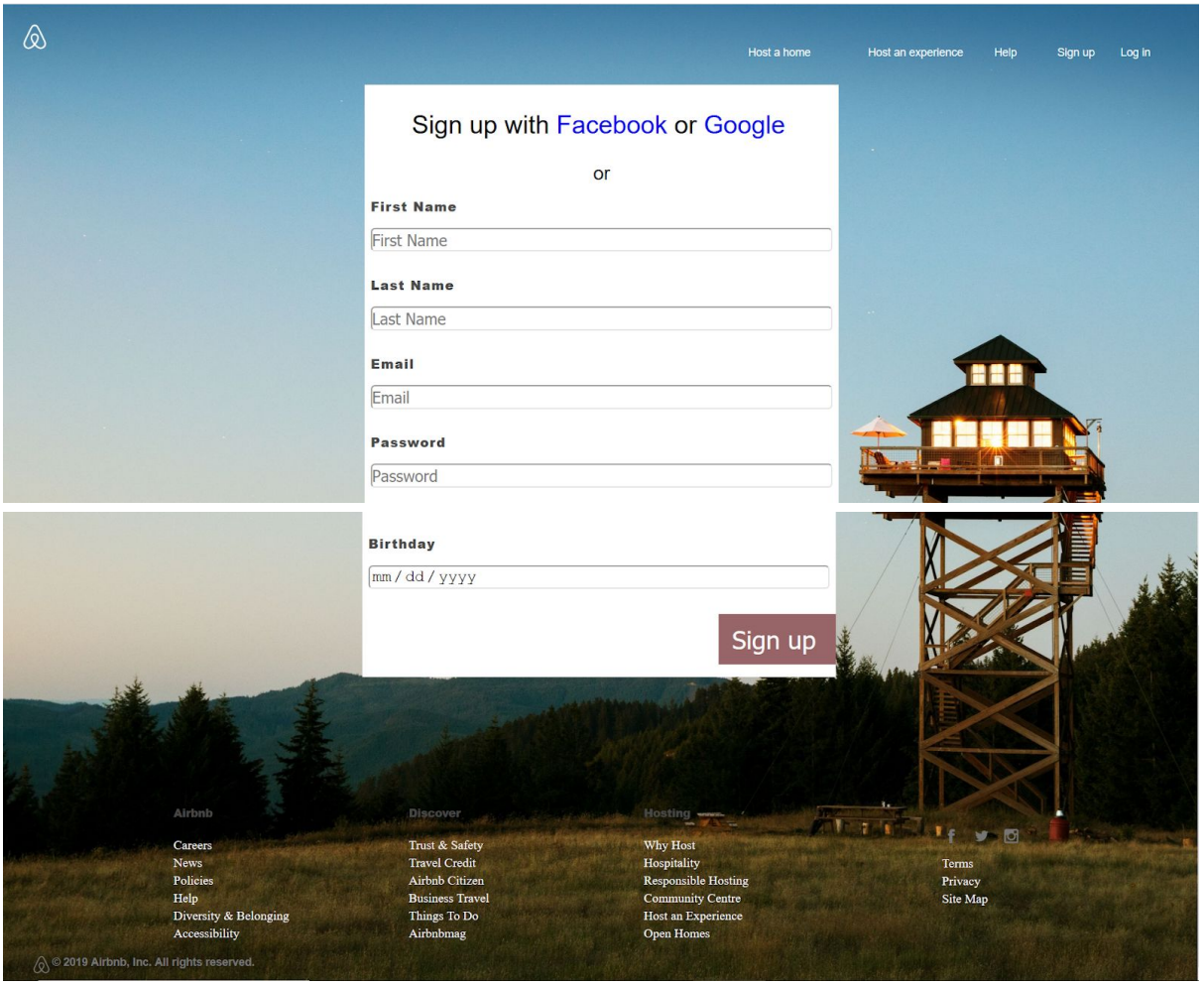
Roomslist:





This page contains a list of 6 rooms include pictures, description of rooms and price.

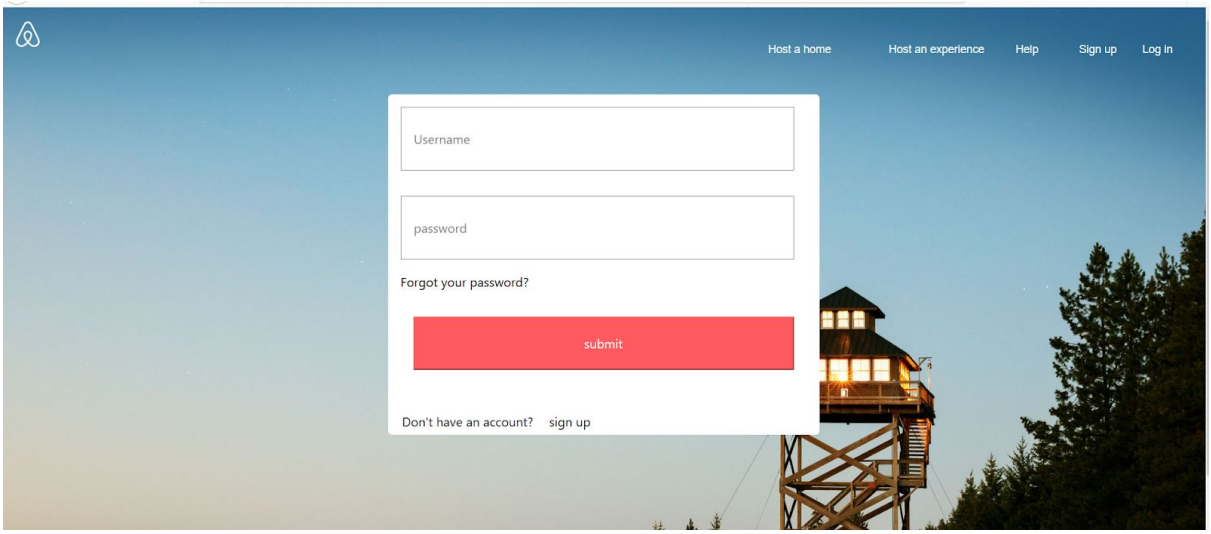
Sign up page:



This page contains a form for user to sign up Airbnb. In this page there are

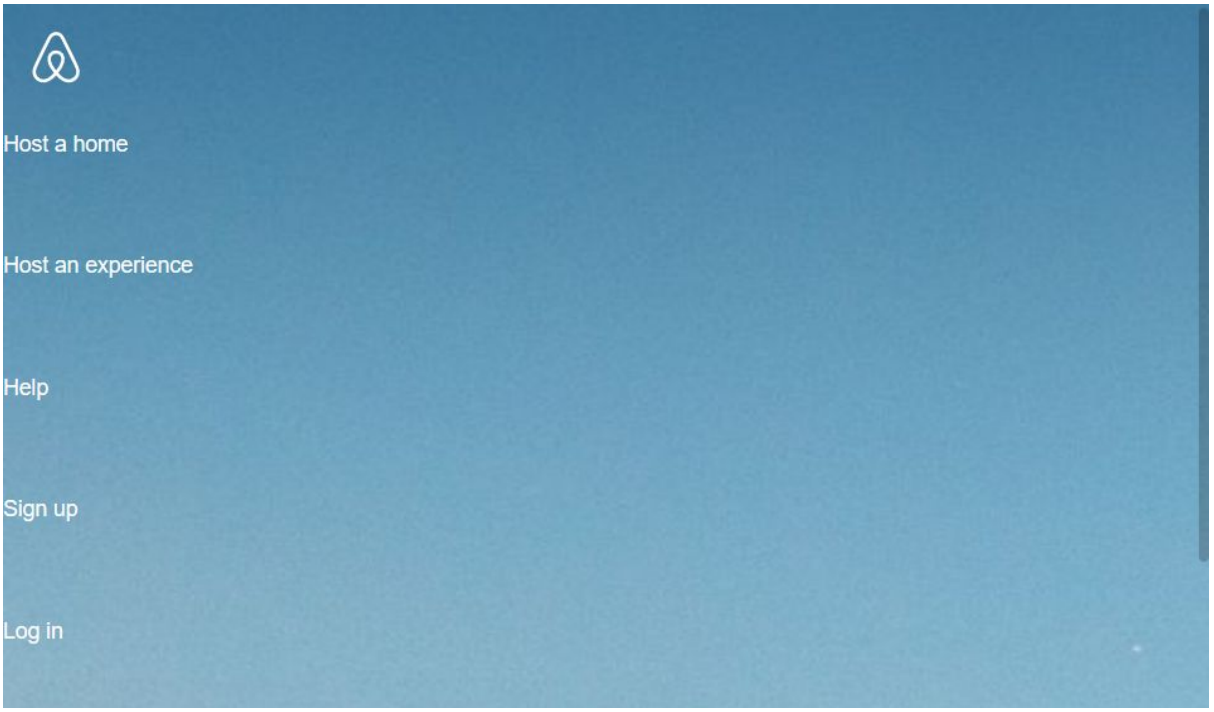
links to Facebook and Google so user can use those accounts to log in. what's more, a form is provided to user to sign up. it will collects first name, last name, password, birthday as basic information to sign up as a new user.

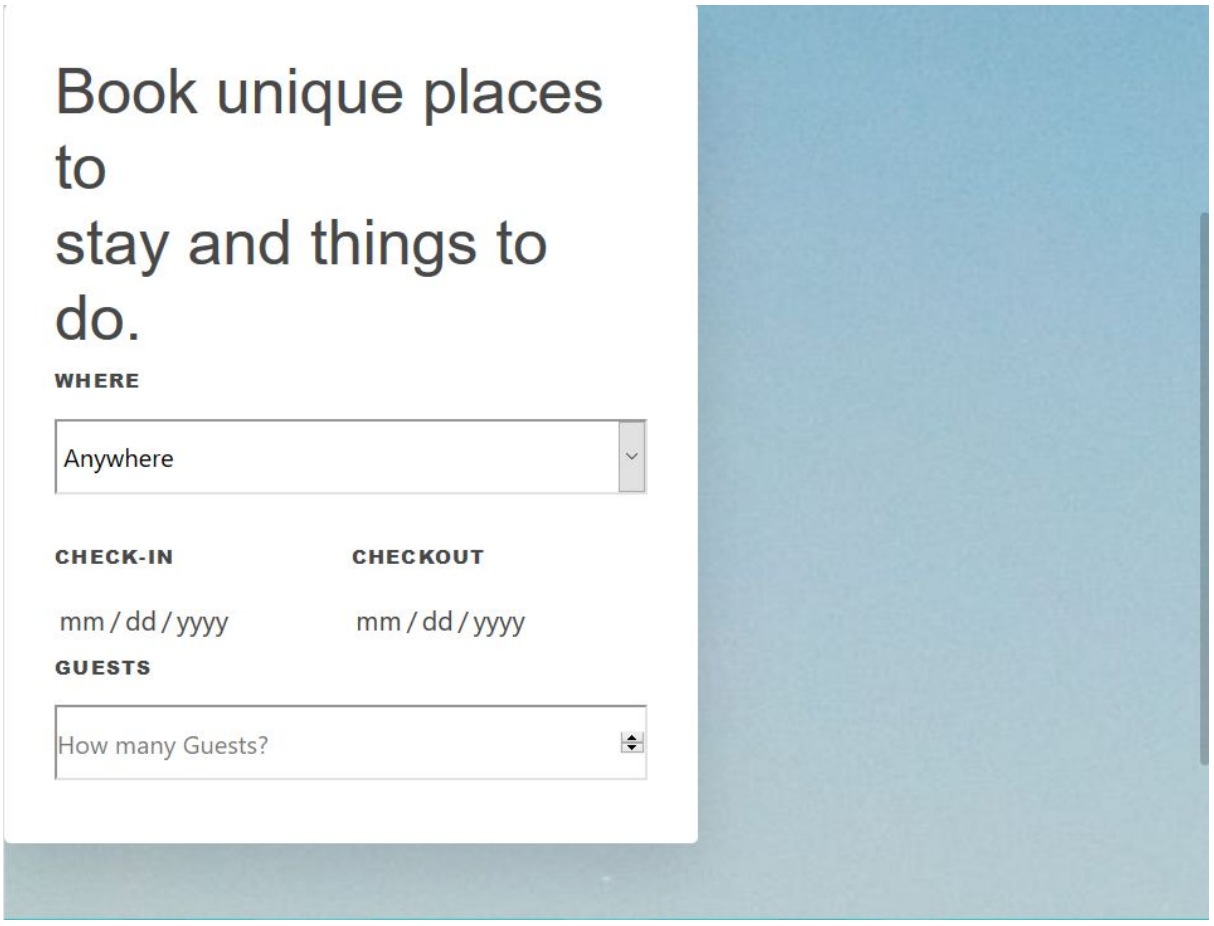
Sign up page

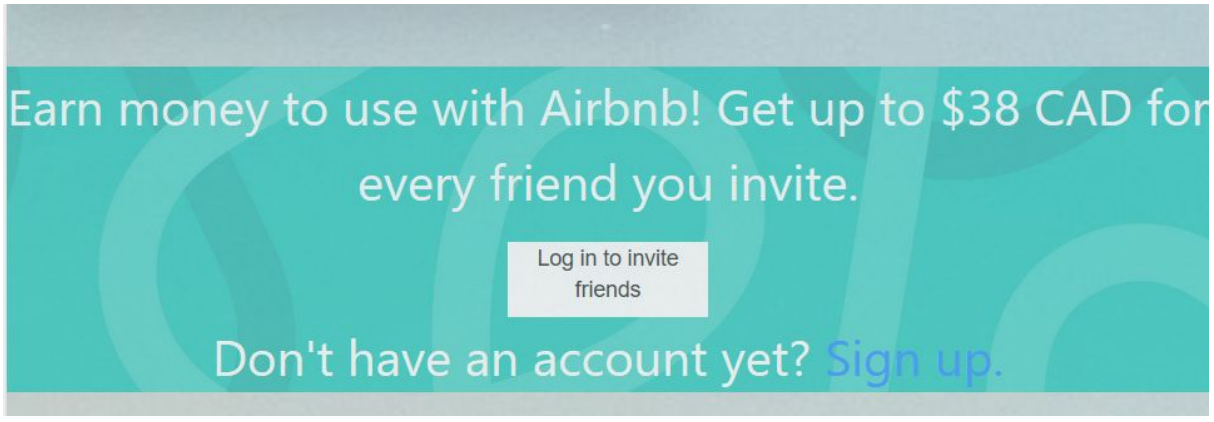


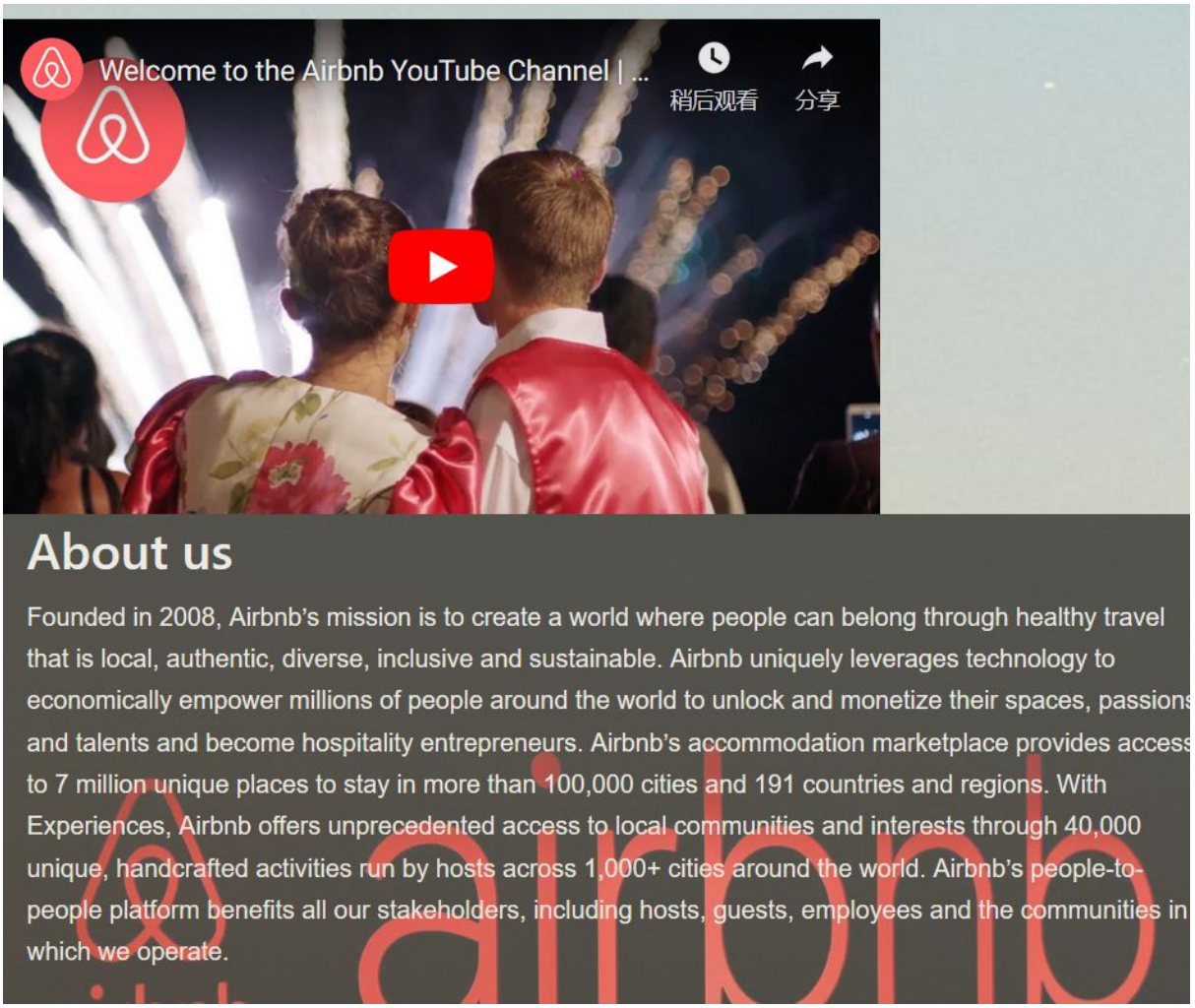
this page require user input username and password

Responsive Design
Home




Book unique places to
stay and things to do.
WHERE
Anywhere
CHECK-IN
CHECKOUT
mm / dd / yyyy
mm / dd / yyyy
GUESTS
How many Guests?


Earn money to use with Airbnb! Get up to $38 CAD for every friend you invite.
Log in to invite friends
Don't have an account yet? Sign up.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About us
Founded in 2008, Airbnb's mission is to create a world where people can belong through healthy travel that is local, authentic, diverse, inclusive and sustainable. Airbnb uniquely leverages technology to economically empower millions of people around the world to unlock and monetize their spaces, passions and talents and become hospitality entrepreneurs. Airbnb's accommodation marketplace provides access to 7 million unique places to stay in more than 100,000 cities and 191 countries and regions. With Experiences, Airbnb offers unprecedented access to local communities and interests through 40,000 unique, handcrafted activities run by hosts across 1,000+ cities around the world. Airbnb's people-to-people platform benefits all our stakeholders, including hosts, guests, employees and the communities in which we operate.

room page

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Our Rooms

Entire house · 2 beds
I SETTE CONI - TRULLO EDERA

Price: $103 CAD/night

Responsive 764 × 1024 DPR: 1.... No throttling

Entire house · 1 bed
Cabo Center,Ocean view Great price!

Price: $39 CAD/night

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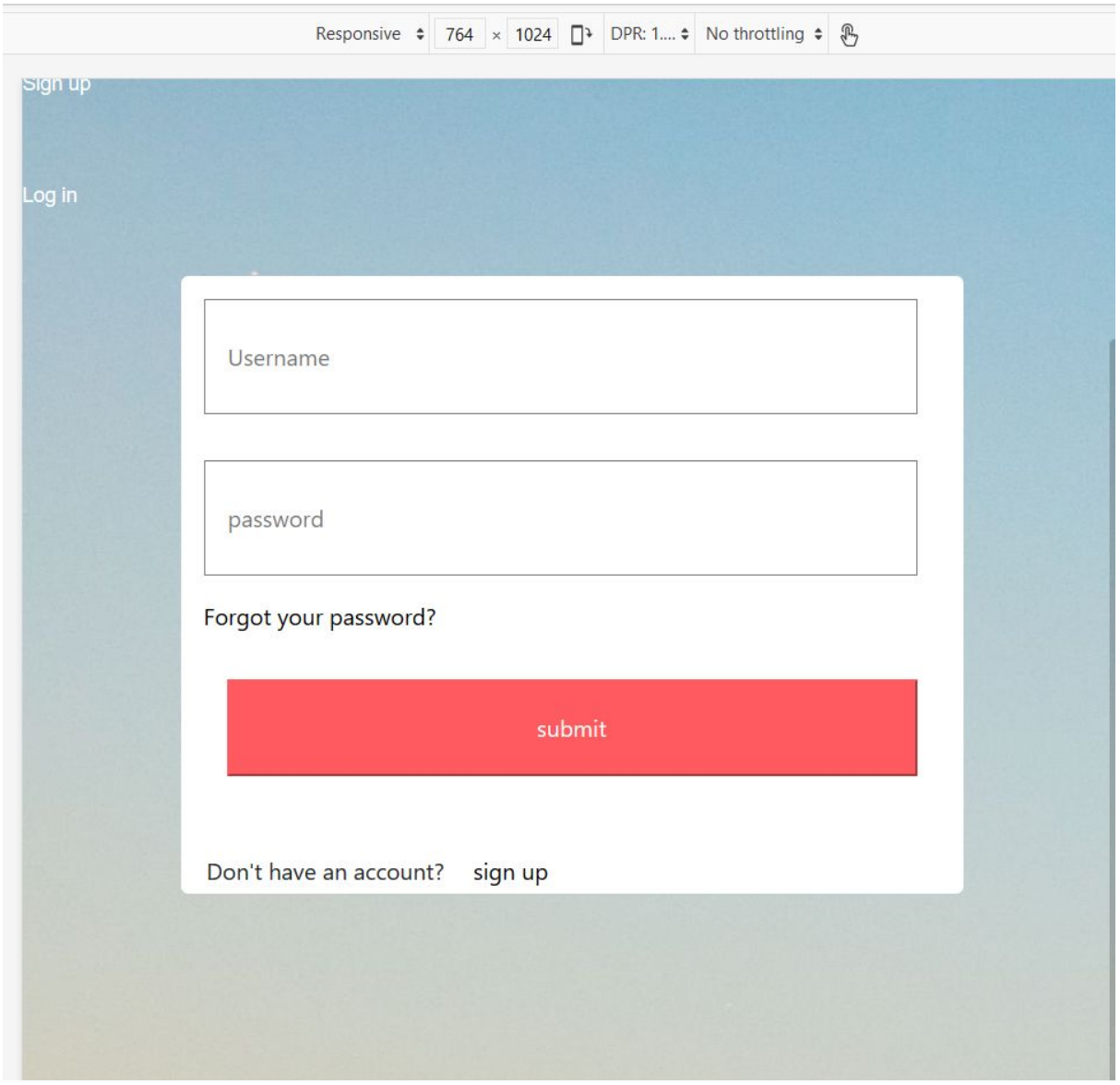
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