




SKIADVISOR

The Atomics Team ©




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COME TO VISIT
**CORTINA
D'AMPEZZO**
CLICK HERE!

● ● ●


Welcome on *SKIADVISOR*

Here you can plan your mountain trip, book ski lesson and find informations about your favorite Ski Areas




Ski Areas' Huts

Once you have chosen your destination, you can look for the best hut where you can have lunch and rest!




Book Ski Lessons

Learn skiing with ski lessons with qualified ski instructors! Check their rates and choose your favorite!



Get there

Take a look to the map, search the position of your favorite Ski Area and plan your trip!



Choose your destination

Among all the available ski areas, here you can find the one that best reflects your needs!

Francesco Basana
1237329
Elena Camuffo
1234370

Nicola Cibir 1237330
Laura Crosara
1234372

Evgeniia Kopytova
1230701
Matteo Moro
1234368

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Summary

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Sign-up Page

Francesco Basana 1237329

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Your Profile

Name

Enter Your Name

Surname

Enter Your Surname

Fiscal Code

Enter Your Fiscal Code

Date of Birth

gg/mm/aaaa

E-Mail

Enter Email

Username

Choose your username

Password

Enter Password

Repeat Password

Repeat Password

By creating an account you agree to our [Terms & Conditions](#).

Are you a ski teacher? [SignUp as a SkiTeacher](#).

Sign Up

If you already have an account [Login](#).

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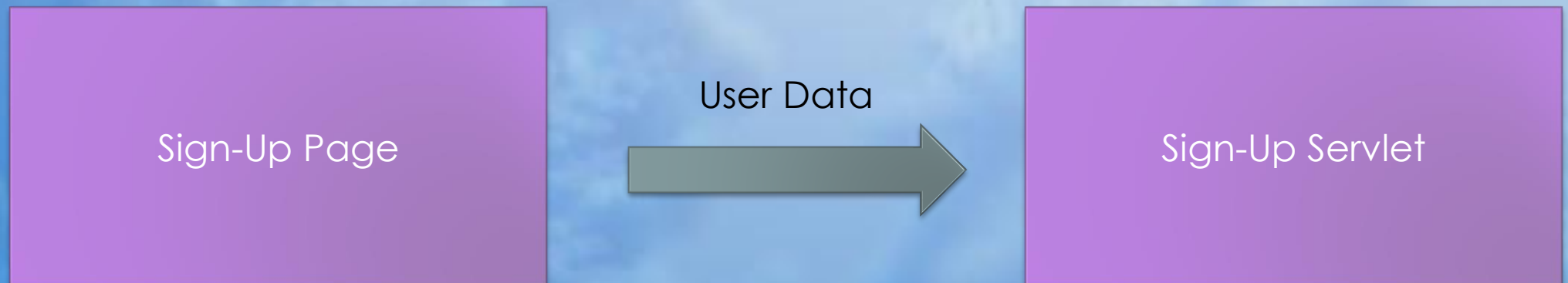
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Sign-Up Page

Normal User

- › The Sign-up page communicates with the server to create a new user:
 - The page **posts** the data needed to create the account.

```
$.post("signuppage",  
{username: 'quokka345',  
  name: 'Judit',  
  surname: 'Greene',  
  birthdate: '25/04/1997',  
  fc: 'aaabbb23t74u898y',  
  label: 0,  
  skilevel: 4,  
  email: qkk@mail.com,  
  pw: sha256})
```

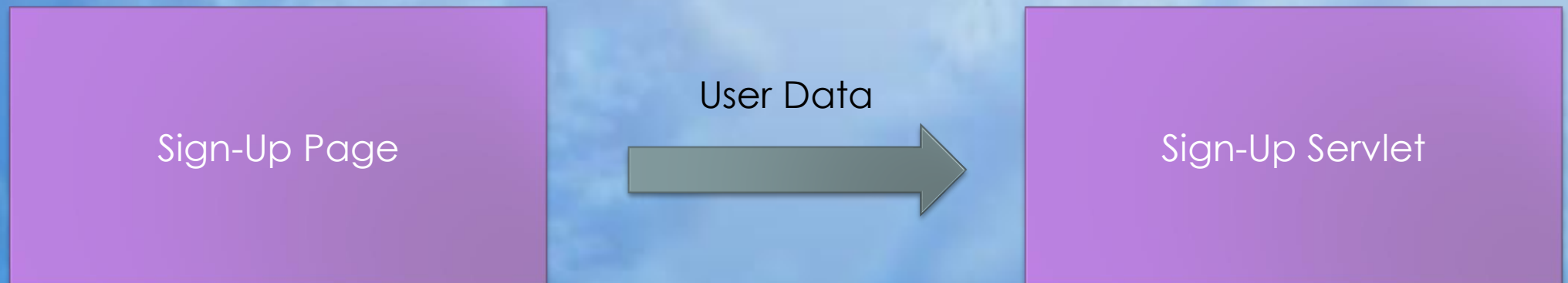


Sign-Up Page

Ski Teacher

- › The Sign-up page communicates with the server to create a new user:
 - The page **posts** the data needed to create the account.



```
$.post("signupdate", {  
  username: 'quokka345',  
  name: 'Judit',  
  surname: 'Greene',  
  birthdate: '25/04/1997',  
  fc: 'aaabbb23t74u898y',  
  label: 0,  
  skilevel: 10,  
  email: qkk@mail.com,  
  pw: sha256  
  license: '4545643v4wkosvgf',  
  ssID: ssID,  
  avg_eval: 0,  
  available: "true",  
  capacity: 1, lessonattended:  
  0}})
```





- › The **number of Ski Teachers** is updated.


Sign-In Page


Francesco Basana 1237329


 Home 


SKIADVISOR


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Username

elle97

Password

Login

If you don't already have an account [Sign Up.](#)

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Elena Camuffo
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Nicola Cibi 1237330
Laura Crosara
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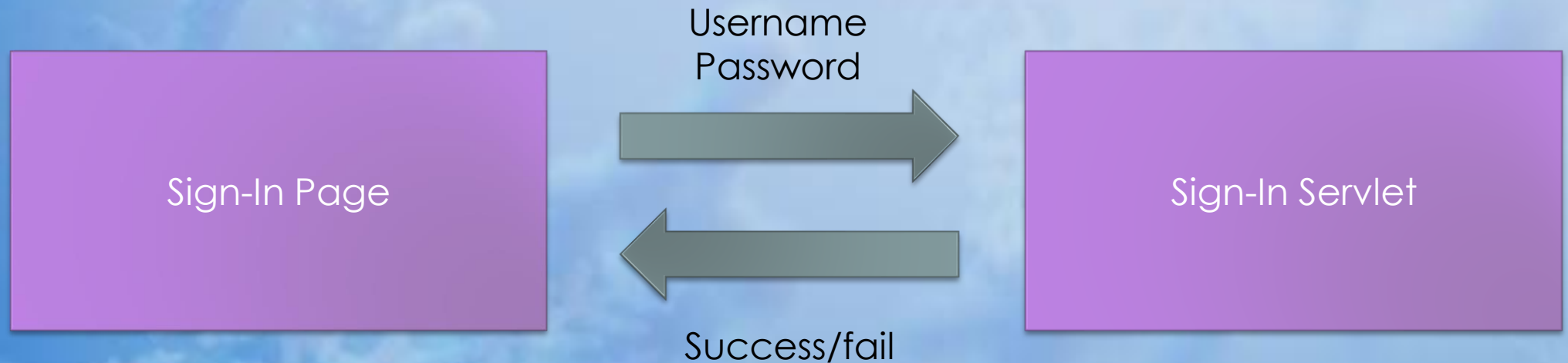
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Matteo Moro
1234368

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Sign-In Page

- › The Sign-in page communicates with the server in order to authenticate the user.

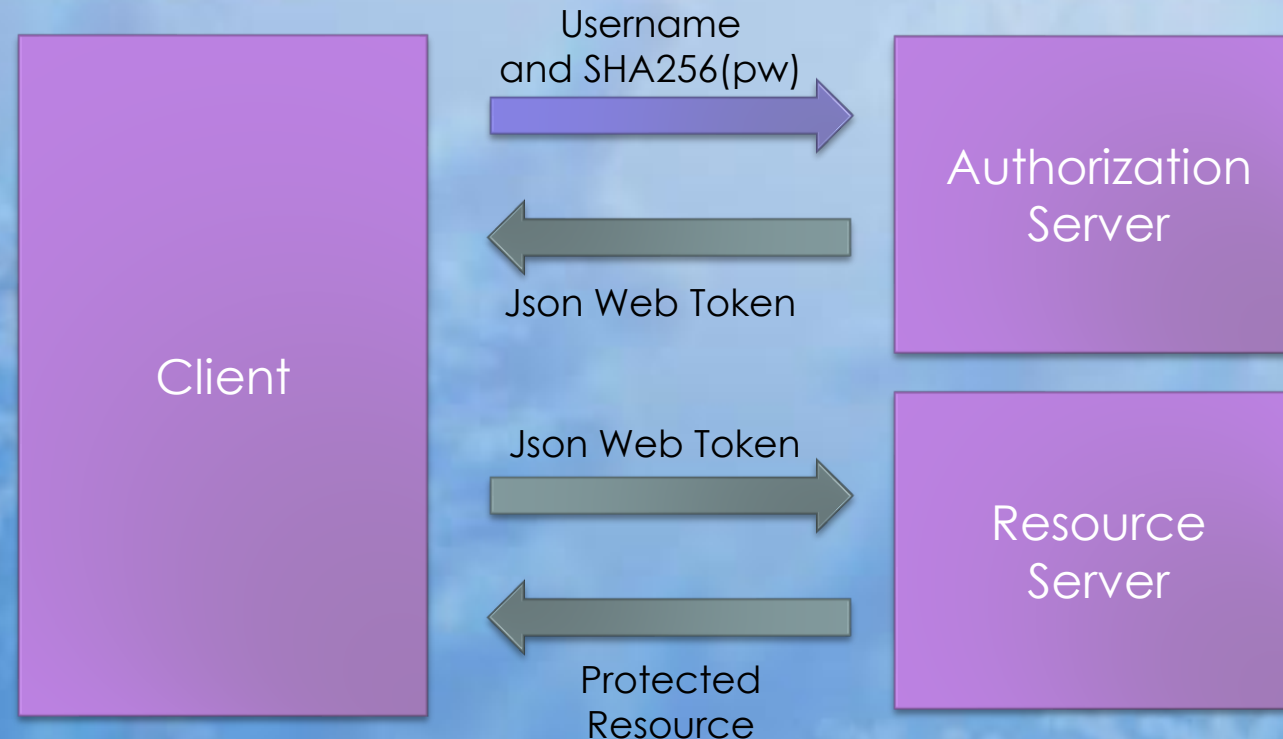


```
{  
  Username = 'quokka345',  
  password = sha256,  
}
```

- › The content of the **post request** is simply the username and password.

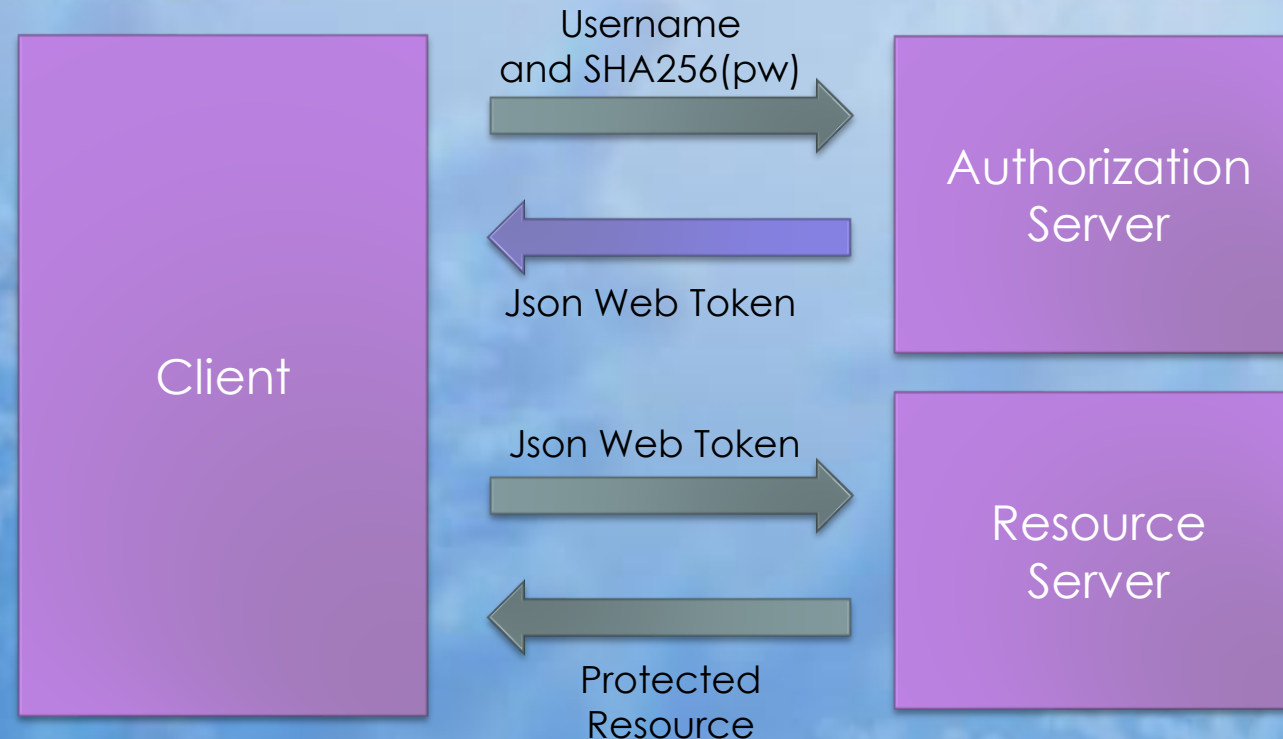
Encryption

- › Client hashes the password with **sha265** and sends it to the server
 - In this way the password is never sent as **plaintext**



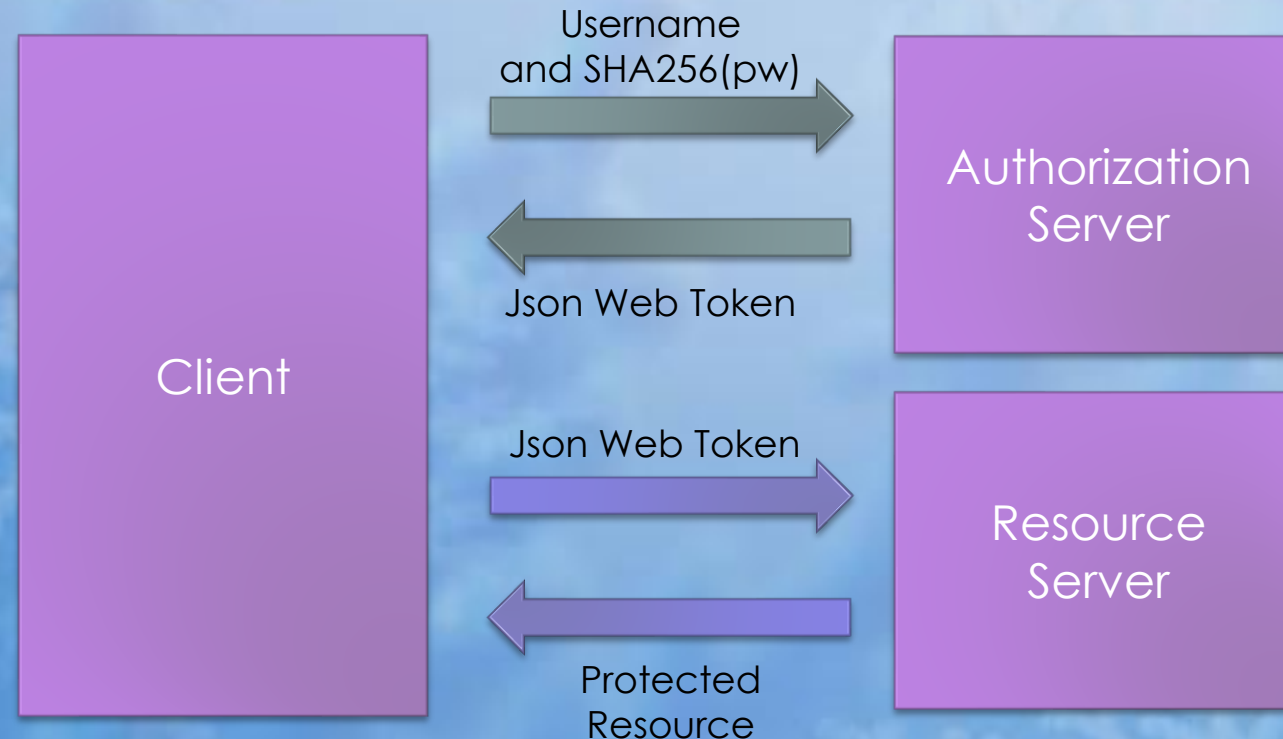
Encryption

- › The server hashes the password again in order to compare it with the one stored in the database.
 - If the two password **corresponds**, the server will respond with the Json Web Token



Encryption

- › In all the following user request, the client will send the JWT and not the password



Search Page

Nicola Cibirin 1237330

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Search Page

Here you can search the perfect ski area that could satisfy all your needs.
Please, adjust the filters as you like and choose where you're going to having fun this winter!

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Distance

Any

Rating

Any

Show

Both

Ski School

Both

Skipass Price

Any

Find SkiArea!

Ski Area	Avg. Evaluation	Open	Skypass Avg. Price	Ski School	Ski Lift	Ski Tracks
Breuil-Cervinia	4.4		27 €		100/557	100/507
Plan de Corones	4.4		27 €		140/579	140/757
Livigno	4.3		27 €		0/505	0/495
Madonna di Campiglio	4.5		29 €		100/407	100/606
Passo San Pellegrino	4.2		28 €		0/314	0/309
Alta Badia	4.2		27 €		0/589	0/677

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Search Page

- › The search page communicates with the server in order to retrieve information about Ski Areas that satisfy some **parameters**, chosen by the user from the dropdown at the top of the table.
- › It is possible to **sort the entries** in the table clicking on the headers.
- › clicking on the Ski Area name, the user will be redirected to the relative Ski Area page.

Search Page



- › The content of the **get request** contains all the parameters' values chosen.

Search Page



```
{  
  Rating: 4,  
  Show: 'open',  
  Ski_school: 3,  
  Price: 60  
}
```

- › The content of the **response** (JSON) is the list of the Ski Area that satisfy all the parameters.

Ski Area Page

Elena Camuffo 1234370

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Ski Area Page – Madonna di Campiglio ❄️

Choose a Ski Area form the Dropdown to start visualizing.

← Back to map

Select Ski area

Madonna di Campiglio

☆

Book a teacher!

Ski Lifts 🚡

Eolophus roseicapillus

name	open	capacity	type
Thickot Maiden Fern	🟢	8	🚡
Sleepydaisy	🟢	2	🚡
White Fairy-lantern	🟢	3	🚡
Waterfall's Milkvetch	🟢	12	🚡
Plectocarpus Lichen	🟢	2	🚡
Quakinggrass	🟢	9	🚡
Schisandra	🟢	10	🚡
Schisandra	🟢	10	🚡
Slender Passionflower	🟢	8	🚡
Waterfall's Milkvetch	🟢	12	🚡

Ski Tracks

Ski Lifts

Huts

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Ski Area Page

- › The Ski Area page communicates with the server in order to **get**:
 - The names of the Ski Areas
 - The content of the selected SkiArea
 - If the **user is logged**, also the list of all the reviews he left.



Ski Area Page



```
$.get('skiareapage',{  
  {  
    Id = 1  
  }  
})
```

- › The content of the **get request** is simply the id of the selected Ski Area.

Ski Area Page



```
{  
  Name = 'Falzarego',  
  Id = 234,  
  Tracks = [],  
  Huts = [],  
  Lifts = []  
}
```

- › The content of the **response** (JSON) contains all the facilities of the Ski Area Chosen including Ski Tracks, Ski Lifts and Huts.

Ski Area Page

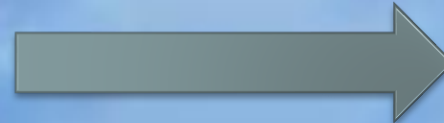
Reviews

```
$.post('skiareapage',{  
  type = 'Ski Area',  
  Id = 234,  
  Rate = 4  
})
```

- › The SkiArea page manages the **reviews** allowing logged users to:
 - **Post** a new review.
 - **Delete** the old review.

Ski Area Page

Post or Delete



Ski Area Servlet

Ski Area Page

Reviews

- › The review panel opens when a **star icon** is clicked.
 - If the content is **not reviewed** the star is empty.
 - If it has just **reviewed** the star is filled.
- › The page is linked with the Explore Page and the Booking page through apposite links.



Not reviewed



Reviewed

Leave a Review to *Belpiano Ski Area*


Value: 3 ★

Close


Submit

Booking Page

Laura Crosara 1234372

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Booking Page


Choose a day and a time slot to book your lesson.

[← Back to Ski Area](#)


 Choose Ski School

 Choose Date

 Choose Time Slot

 Choose a teacher

[Book Lesson](#)



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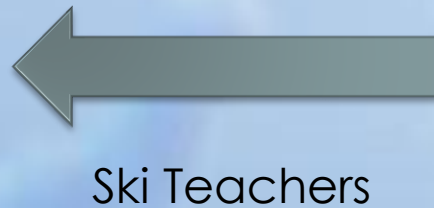
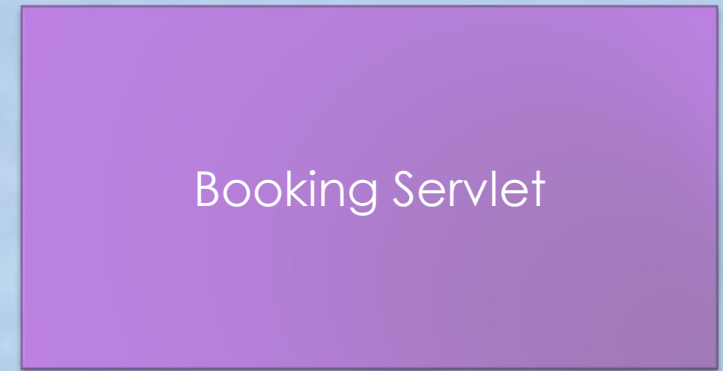
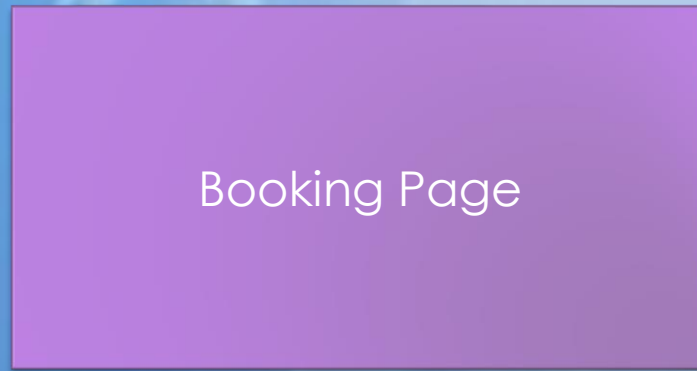
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Booking Page

- › The Booking Page communicates with the server to:
 - **get** the names of the Ski Schools.
 - **get** the Ski Teachers belonging to the chosen Ski School and available for the selected date and time slot.
 - **post** the new booked lesson on the Database.



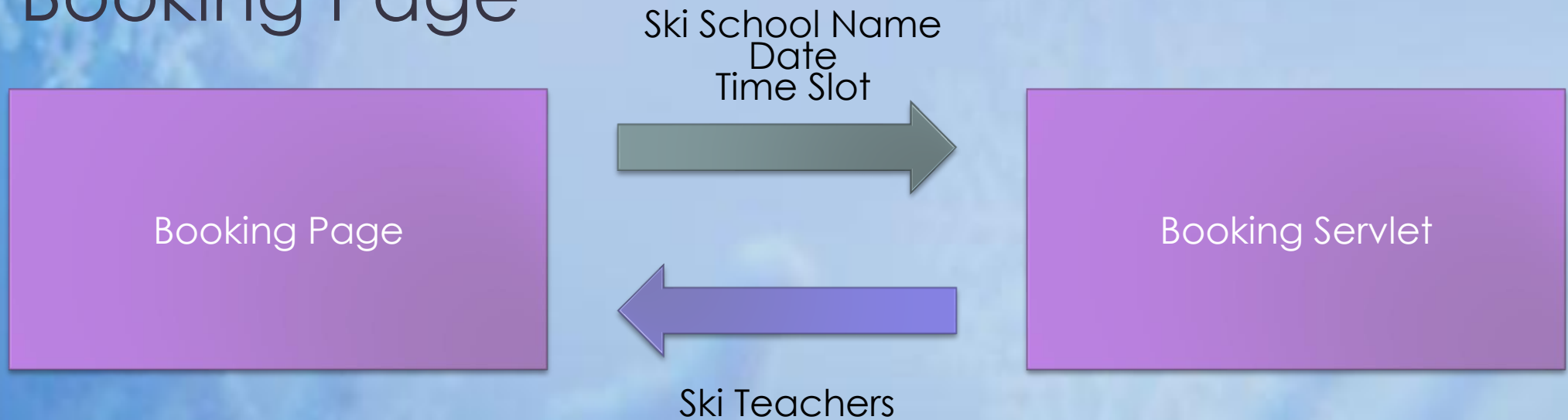
Booking Page



```
$.get('bookingpage',{  
  {  
    School_id = 8,  
    Date = '15/12/2020',  
    Time = 12  
  }  
})
```

- › The content of the **get request** is the name of the chosen ski school, date and time slot.

Booking Page





```
{  
  Name = 'Kristen'  
}
```



- › The content of the **response** (JSON) contains the names of the teachers conforming to user choices.







Explore Page

Matteo Moro 1234368

 Home 

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Explore Page

Choose a Ski Area form the Dropdown to find it in the map.

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SkiArea Locations 



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<https://slopes.waymarkedtrails.org/help/legal>

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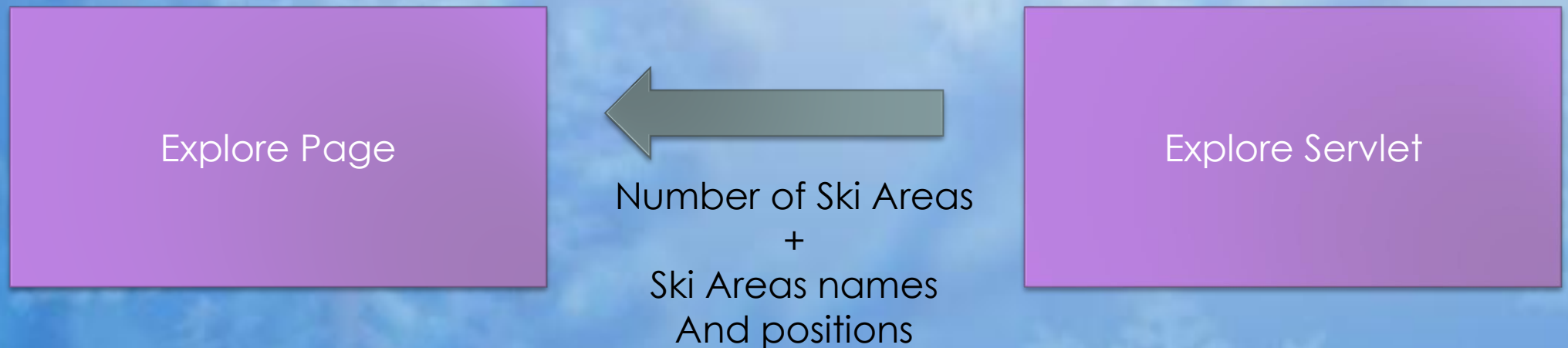
Evgeniia Kopytova
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Matteo Moro
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Explore Page

- › The Explore page communicates with the server to:
 - **get** the names and geographic coordinates of all the Ski Areas.
 - **get** the total number of skiareas present in the database











Personal Page


Evgeniia Kopytova 1230701

 Home 


SKIADVISOR


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Personal Page 

See your booking and your personal info.

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skiadvisor ski

You are : Teacher

AboutTeacher Info

User Name

ski97

Name and Surname

skiadvisor ski

Birthday



2020-06-18

Ski level

10

Fiscal Code

skiski34r34d345r

Ski school	Student name	Date	Hour	
Plan de Corones-Ski School	skiadvisor ski	11/24/2020	13:00 - 14:00	
Latemar-Super-Ski School	skiadvisor ski	12/17/2020	14:00 - 15:00	

New Booking

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Laura Crosara
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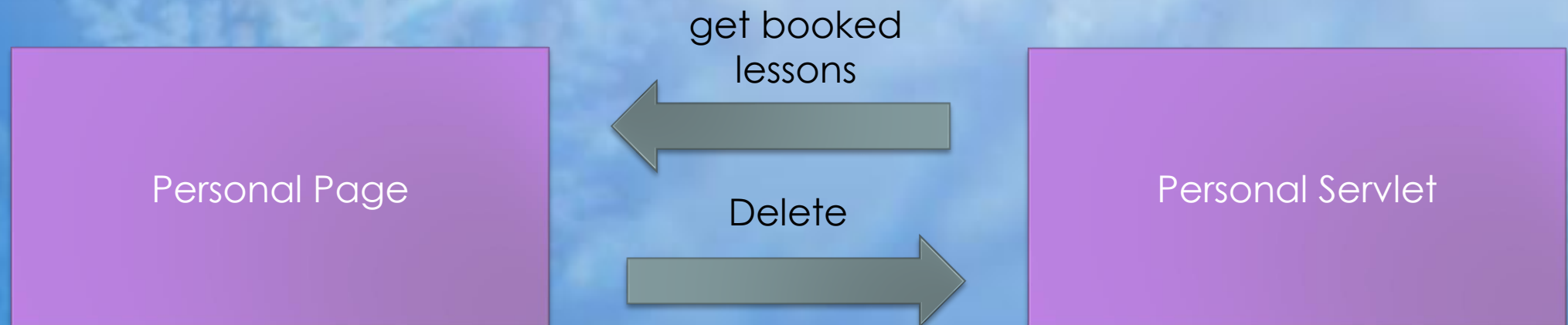
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Matteo Moro
1234368

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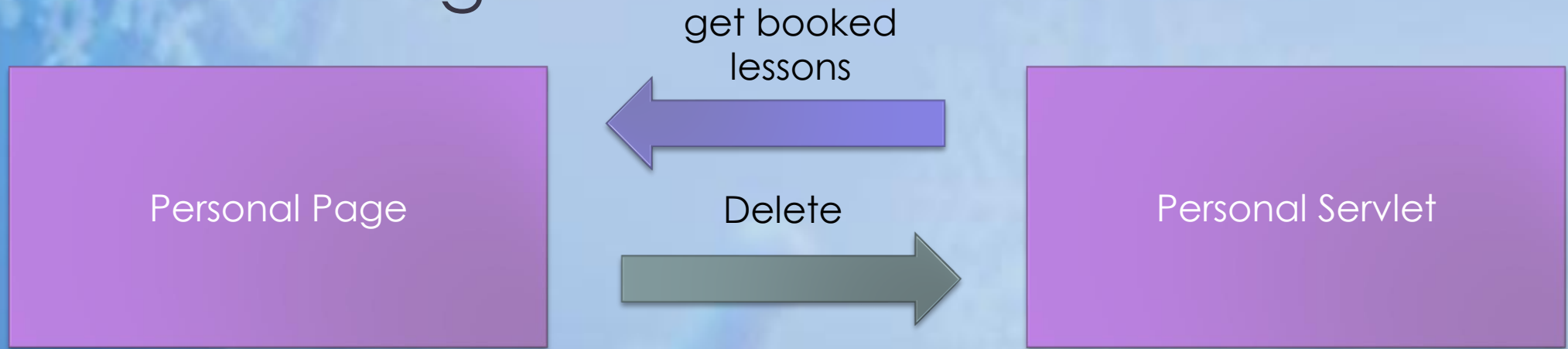
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Personal Page

- › The personal page communicates with the server to:
 - **get** the booked lessons and put in the table.
 - **delete** the booked lessons
- › It works only for any kind of **logged user** and **teachers** can see also the lessons booked by their students.





Personal Page




```
{  
  Username = 'heidykitt344',  
  UsernameT = 'kstrr9777',  
  Schoolid = 15,  
  Date = '12/12/2020',  
  Hour = 12,  
}
```

- › The content of the **get response** (JSON) contains the lessons booked by the user.

About Us

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About us

Here's some information about the team workers!

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Francesco Basana

WEB DEVELOPER

[in](#) [✉](#) [🔗](#)



Elena Camuffo

WEB DEVELOPER

[in](#) [✉](#) [🔗](#)



Nicola Cibil

WEB DEVELOPER

[in](#) [✉](#) [🔗](#)



Laura Crosara

WEB DEVELOPER

[in](#) [✉](#) [🔗](#)



Evgeniia Kopytova

WEB DEVELOPER

[in](#) [✉](#) [🔗](#)



Matteo Moro

WEB DEVELOPER

[in](#) [✉](#) [🔗](#)

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Thank you!