

Техническое задание

О проекте

«
» —
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.

1. Описание функциональности

: «
» «
».

1.1 Общий контейнер

- (
), : «Amsterdam —
Geneva — Chamonix». 3- ,
:
«Amsterdam — ... — Chamonix».
- — , «18 AUG —
6 OCT».
- /
/ .
- «New Event».
,
(
).

1.2 Маршрут поездки

- —
- (Check, Sightseeing, Restaurant)
(Taxi, Bus, Train, Ship, Transport, Drive Flight).

- : Taxi, Bus, Train, Ship, Transport, Drive, Flight, Check, Sightseeing, Restaurant.
- .
- : «Click New Event to create your first point».

1.3 Точка маршрута

- .
- «Time» (« » — « » (10:30 — 11:00). :
 - : 00M (23M);
 - : 00H 00M (02H 44M);
 - : 00D 00H 00M (01D 02H 30M).
- «Offers» 3- , .

1.4 Новая точка маршрута

- «New Event» .
- «New Event» , .
- :
 - «Save» .

○ «Cancel».

.

• :

○ (: Taxi, Bus, Train, Ship, Transport, Drive, Flight, Check, Sightseeng, Restaurant.).

○ . , .

○ flatpickr.js.
: DD/MM/YYYY HH:mm. : 25/12/2019 16:00.

○ flatpickr.js.
: DD/MM/YYYY HH:mm. : 29/12/2019 16:55.

.

○ . .

○ . (offers).

• .

• ()

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• .

• .

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• .

.

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• .

,

,

.

- .
- (). :
- (Flight, Taxi): <action> to. : flight to, taxi to .
- (Sightseeing, Restaurant, Check-In): <action> in. : sightseeing in, check-in in .
- «Destination». (,). «Destination» .
- «Destination» «Destination» . «Destination» .
- (,).
- .

1.5 Редактирование точки маршрута

- « » .
- :
- «Save». , .
- «Delete». , .

- («Price») (— «Time»).
:
,
- («Event».

1.8 Статистика

- «Stats»
:
: «Money» (
) «Transport» (
) «Time-spend» (
).
- «Stats».
- «Money»
: «
?» «Money»
,
- «Transport»
:
: «
».
- : «Time-Spend»
:
«
»,
».

1.9 Взаимодействие с сервером

- <https://htmlacademy-es-10.appspot.com/big-trip/>.
- Authorization Basic \${er883jdzbdw}. , Basic

1.9.1 Ресурсы

Структуры данных:

- Destination:

```
{  
  
  "description": "Chamonix, is a beautiful city, a true asian pearl, with crowded streets.",  
  
  "name": "Chamonix",  
  
  "pictures": [  
  
    {  
  
      "src": "http://picsum.photos/300/200?r=0.0762563005163317",  
  
      "description": "Chamonix parliament building"  
    }  
  
  ]  
  
}
```

- Offer:

```
{  
  
  "type": "taxi",  
  
  "offers": [  
  
    {  
  
      "title": "Upgrade to a business class",  
  
      "price": 120  
    }, {  
  
      "title": "Choose the radio station",  
  
      "price": 60  
    }  
  ]  
}
```

```
}  
  
]  
  
}
```

- Offer.type — :

```
["taxi", "bus", "train", "ship", "transport", "drive", "flight", "check-in", "sightseeing", "restaurant"]
```

- Point:

```
{  
  
  "base_price": 1100,  
  
  "date_from": "2019-07-10T22:55:56.845Z",  
  
  "date_to": "2019-07-11T11:22:13.375Z",  
  
  "destination": $Destination$,  
  
  "id": "0",  
  
  "is_favorite": false,  
  
  "offers": [  
  
    {  
  
      "title": "Choose meal",  
  
      "price": 180  
  
    }, {  
  
      "title": "Upgrade to comfort class",  
  
      "price": 50  
  
    }  
  
  ]  
}
```



```
],  
  
  "type": "bus"  
  
}
```

- Point.type — :

```
["taxi", "bus", "train", "ship", "transport", "drive", "flight", "check-in", "sightseeing", "restaurant"]
```

- LocalPoint:

```
{  
  
  "base_price": 222,  
  
  "date_from": "2019-07-10T22:55:56.845Z",  
  
  "date_to": "2019-07-11T11:22:13.375Z",  
  
  "destination": $Destination$,  
  
  "is_favorite": false,  
  
  "offers": [  
  
    {  
  
      "title": "Choose meal",  
  
      "price": 180  
  
    }, {  
  
      "title": "Upgrade to comfort class",  
  
      "price": 50  
  
    }  
  
  ],  
  
}
```

```
"type": "taxi"

}
```

- AuthorizationError:

```
{

  "error": 401,

  "message": "Header Authorization is not correct"

}
```

- NotFoundError:

```
{

  "error": 404,

  "message": "Not found"

}
```

Точки маршрута `/points`

GET `/points`

- `status` :
 - 200 OK
 - 401 Unauthorized
- `headers` :
 - Request:
 - URL: GET `/points`

- Headers: Authorization: Basic kTy9gldsz2317rD
- Response:
 - Status: 200 OK
 - Body: `Point`
- Request:
 - URL: GET /points
- Response:
 - Status: 401 Unauthorized
 - Body: `AuthorizationError`

POST /points

- :
 - 200 OK
 - 401 Unauthorized
- Request:
 - URL: POST /points
 - Headers: Authorization: Basic kTy9gldsz2317rD
 - Body: `LocalPoint`
- Response:
 - Status: 200 OK

- Body:

Point

PUT /points/:id

Example request:

- Request:

- 200 OK
- 401 Unauthorized
- 404 Not found

- Response:

- Request:
 - URL: PUT points/31
 - Headers: Authorization: Basic kTy9gldsZ2317rD
 - Body:

Point

- Response:

- Status: 200 OK
- Body:

Point

DELETE /points/:id

Example request:

- Request:

- 200 OK
- 401 Unauthorized
- 404 Not found

:

- Request:
 - URL: DELETE points/31
 - Headers: Authorization: Basic kTy9gldsz2317rD
- Response:
 - Status: 200 OK
 - Body:

Пункты назначения

GET /destinations

.

- :
 - 200 OK
 - 401 Unauthorized

:

- Request:
 - URL: GET /destinations
 - Headers: Authorization: Basic kTy9gldsz2317rD
- Response:
 - Status: 200 OK
 - Body:

Общий список дополнительных предложений

GET /offers

- :
 - 200 OK
 - 401 Unauthorized
- :
 - Request:
 - URL: GET /offers
 - Headers: Authorization: Basic kTy9gldsz2317rD
 - Response:
 - Status: 200 OK
 - Body: Offer

Синхронизация с сервером /points/sync

9.

- :
 - Request:
 - URL: POST /points/sync
 - Headers: Authorization: Basic kTy9gldsz2317rD
 - Body: [\$Point\$, \$Point\$]
 - Response:
 - Status: 200 OK
 - Body:

```
{
  "created": [$Point$, $Point$],
  "updated": [$Point$, $Point$],
  "deleted": [$Point$, $Point$]
}
```

1.10 Обратная связь интерфейса

- «Loading...».
- «Save», «Delete»
/ / .
:
- «Save» -> «Saving...»
- «Delete» -> «Deleting...»
- .
- / / .
(,
).
- (,
) DOM .
- (,) ,
/ ,
« ».

2. Дополнительные задания

- Offline . - .

- `Debounce` «Favorite».

- ,

3. Разное

- ,
 (markup).