



Home Assignment

Dear candidate,

Thank you for your time. To best evaluate your performance, outlined below is a home assignment.

It should take you approx. 2-3 hours to complete.

The assignment

We want you to create an application that will show flights of the workers.

The app should contain 3 parts:

1. Workers list – a list of all workers in the system.
2. Flights of the worker – a table with all flight information of the worker.

Columns of the table are:

1. Flight Number
2. Origin
3. Origin Date
4. Destination
5. Destination Date

3. Flight information – this part will show an extra information of the flight
 - a. Plane Number
 - b. Duration of the flight
 - c. Origin gate
 - d. Destination gate

Clicking on worker name, will show all his flights in the table.

Clicking on specific flight, will show the flight details in **Flight Information**.

The flight information should be refreshed automatically **every 1 minute**.

The first row is default selected row of the table.

The duration should be displayed in prettier format.

Example: 350 (response from API in minutes) → 5h 50m

Workers	Flight Number	Origin	Origin Date	Destination	Destination Date	Plane Number	A380
John Doe	BA123	London	1/12/2010	Tel Aviv	2/12/2010	Duration	6h 21m
Jane Doe	UA091	New York	7/1/2010	London	8/1/2010	Origin gate	35
Mr. Smith	VX123	San Francisco	5/7/2010	Denver	7/7/2010	Destination gate	101
Patrick Stewart	HA456	Hawaii	1/8/2010	Los Angeles	2/8/2010		
	B6753	Seattle	1/6/2010	Austin	2/6/2010		
	WN876	Viena	1/5/2010	Berlin	2/5/2010		
	XX345	Dublin	1/4/2010	Melbourne	2/4/2010		
	AJ987	Tokyo	8/12/2010	Tel Aviv	9/12/2010		

Endpoints

You have access to endpoints:

- List of workers: <https://interview-mock.herokuapp.com/api/workers/>

```
[  
  {  
    "id": number,  
    "name": string  
  },  
]
```

- Flights of the worker: https://interview-mock.herokuapp.com/api/workers/:worker_id

```
[  
  {  
    "num": string,  
    "from": string,  
    "to": string,  
    "from_date": string, (dd/mm/yyyy)  
    "to_date": string, (dd/mm/yyyy)  
    "plane": string,  
    "duration": number,  
    "from_gate": number,  
    "to_gate": number  
  },  
]
```

Client implementation

You can use any third-party library if you wish.

It should work at least on Chrome browser.

Deliverable

- Upload this project to a **private** github hit repo and share it with me (username: **AlexLvovsky**) – please also send an email to alex.lvovsky@quest.com – or – (if you can't open private repo in github) send me a public repo
- Add a short readme on how to build and run the project

Notes

- Feel free to contact me if you have any question regarding any of the phases
- Don't be shy asking question, it's better than implementing the wrong thing

Good Luck!