Campus Ciudad de México
Escuela de Ingeniería y Ciencias
Departamento de Computación

Course and group: TC1015.2
Interaction Design Fundamentals
Professor: Luis José González Gómez

Second partial test

Date: April 4th, 2019

Name: _____

Student id: _____

Grade:

"By adhering to the Students Code of Ethics of the Tecnológico de Monterrey, I promise that my performance in this exam will be governed by academic honesty. Consistent with the commitment made by signing this code, I will conduct this examination in an honest and personal way, to reflect, through it, my knowledge and subsequently accept the obtained evaluation."
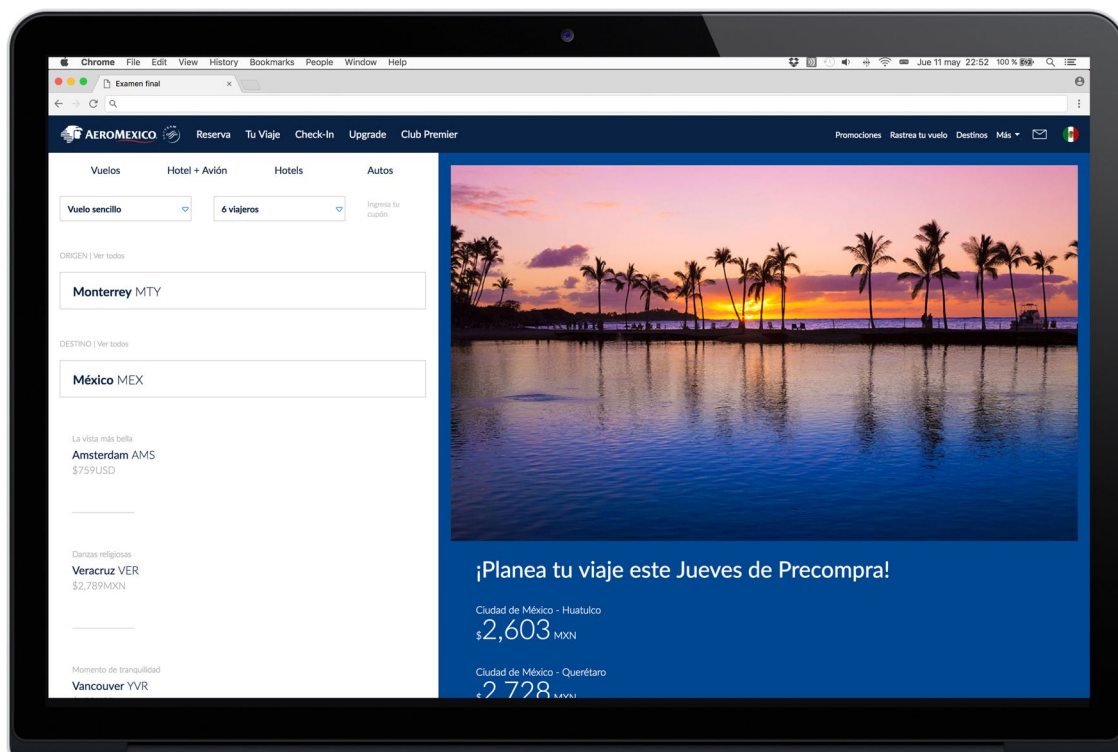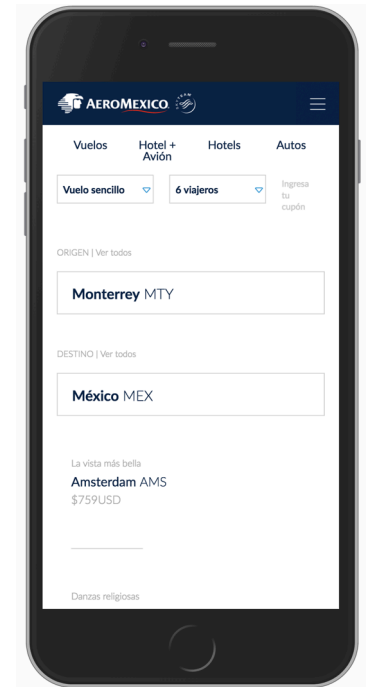
Instructions:

Aeroméxico has hired you to incorporate new functionalities in their website and improve the user experience both in desktops and mobile phones.
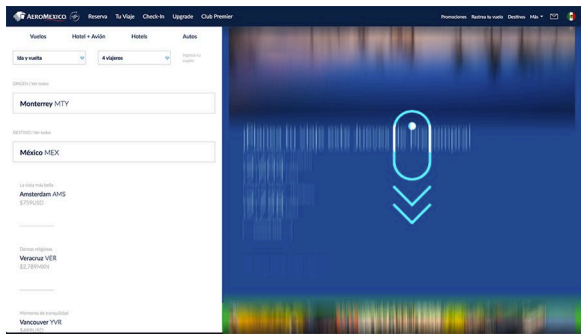
You can see a working demo in this URL (no audio):

https://youtu.be/hs7xBz3gYuw

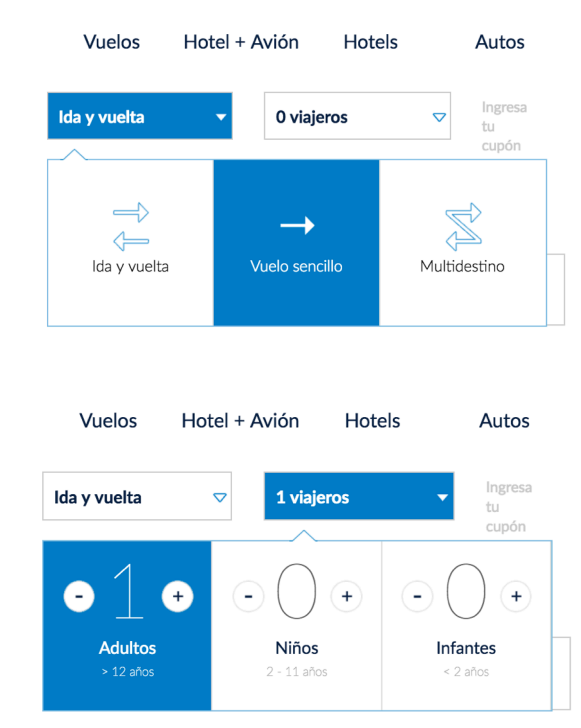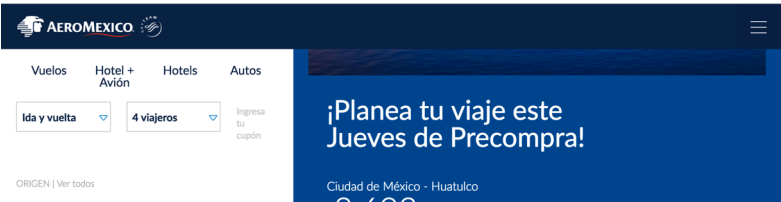More info and instructions on the next page.

Required functionality

Left pane must remain fixed while right pane scrolls. This should only happen when both panes are visible side by side (e.g. on desktop).

In resolutions up to 1100px you should hide the upper main menus and show the *hamburger menu* instead. Clicking on that hamburger icon should display/hide the mobile menu.
NOTE: All menus are already designed both in HTML and CSS, you only need to add the functionality.

Clicking on div **#flight-type** should display/hide flight type options (layout is already designed, just hide/show it) and add/remove the class **selected-box** from that same div.

Clicking on any flight type (*Ida y vuelta, Vuelo sencillo o Multidestino*) should add the class **selected-box** to that div and display the corresponding text in the **#flight-type-text** span.

Similarly, clicking on div **#passengers** should show/hide the passenger selection pane. Changing the number of passengers (*Adultos, Niños e Infantes*) should also change the total number of passengers in **#tot-pas**.

Set a range of 0 to 9 passengers on each group.

Functionality	Points
Left pane fixed/unfixed	8 pts
Show / hide panels #tipo-de-vuelo y #pasajeros	8 pts
Change text #flight-type-text when selecting flight type.	12 pts
Change text #tot-pas when changing number of passengers.	16 pts
Add / remove selected-box class.	8 pts
Responsive: show / hide menus.	12 pts
Responsive: panes position.	8 pts

Total: 72 + 28 theory = 100 pts.