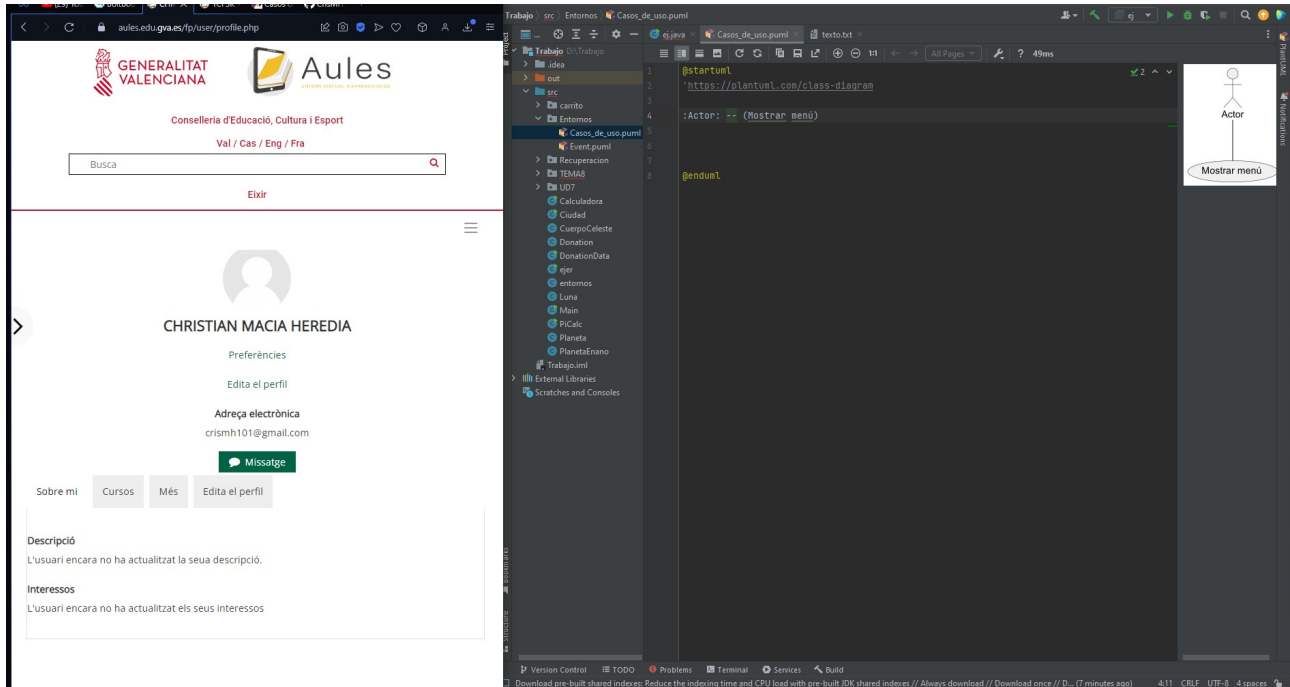
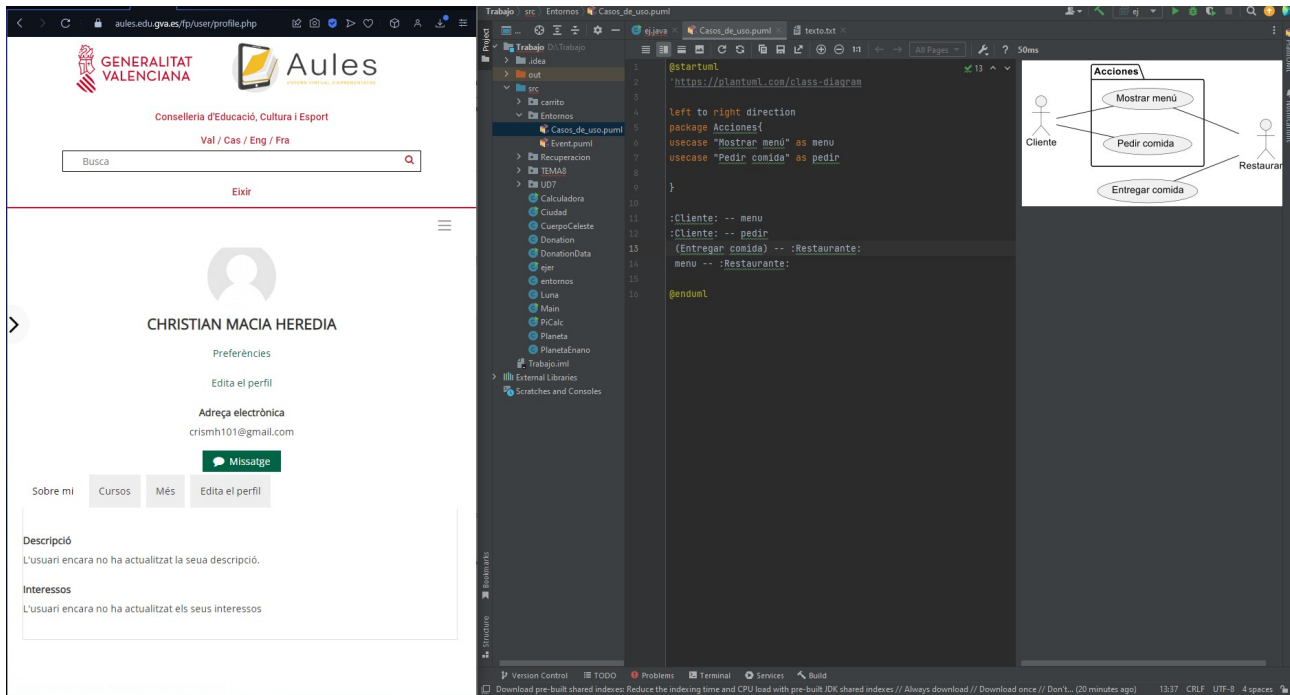


Práctica casos de uso con PlantUml

Creamos el primer actor que lo llamaremos “actor” con :(nombre): y lo relacionamos con “Mostrar menú”



Ahora hacemos una relacion entre Cliente y Restaurante con sus acciones



Ahora creamos al cliente con sus acciones con pedido

The screenshot shows a web browser on the left displaying the 'Aules' user profile page for 'CHRISTIAN MACIA HEREDIA'. The page includes a search bar, a menu, and sections for 'Descripció' and 'Interessos'. On the right, an IDE (Eclipse) is open with a project named 'Casos_de_uso_puml'. The IDE shows a file explorer on the left, a code editor in the center, and a UML diagram on the right. The code editor contains the following text:

```
@startuml
left to right direction
:Cliente: -- (Confirmar pedido)
:Cliente: -- (Cancelar pedido)
(Confirmar pedido) --> (Devolver pedido) : <<include>>
(Cancelar pedido) --> (Devolver pedido) : <<include>>
@enduml
```

The UML diagram on the right shows a stick figure labeled 'Cliente' with two outgoing arrows to two ovals labeled 'Confirmar pedido' and 'Cancelar pedido'. Both ovals have an arrow pointing to an oval labeled 'Devolver pedido', with the relationship labeled 'include'.

Creamos la extensión

The screenshot shows the same web browser and IDE as before, but with an additional use case 'Acceder' added to the UML diagram. The code editor now contains the following text:

```
@startuml
left to right direction
:Cliente: -- (Confirmar pedido)
:Cliente: -- (Cancelar pedido)
(Confirmar pedido) --> (Devolver pedido) : <<include>>
(Cancelar pedido) --> (Devolver pedido) : <<include>>
(Acceder) <-- (Registrarse) : <<extend>>
@enduml
```

The UML diagram on the right shows the same stick figure 'Cliente' with arrows to 'Confirmar pedido' and 'Cancelar pedido', which both include 'Devolver pedido'. A new oval labeled 'Acceder' is added, with an arrow pointing to it from an oval labeled 'Registrarse', with the relationship labeled 'extend'.

Creamos la generalización

The screenshot displays a development environment with three main components:

- Web Application (Left):** A user profile page for "CHRISTIAN MACIA HEREDIA" on the "Aules" platform. It includes a search bar, a menu, and sections for "Descripció" and "Interessos".
- Code Editor (Middle):** A file explorer on the left shows a project structure. The main editor displays a UML use case diagram for "Casos_de_uso_puml". The diagram includes use cases for "Elegir asientos", "Pagar con tarjeta", "Pagar en efectivo", "Pagar", "Registrar", "Confirmar pedido", "Cancelar pedido", and "Reservar vuelo". The code editor shows the corresponding UML diagram in text format.
- UML Diagram (Right):** A UML use case diagram for "Casos_de_uso_puml". It shows a "Cliente VIP" actor connected to "Elegir asientos", "Pagar con tarjeta", and "Pagar en efectivo". A "Cliente" actor is connected to "Pagar", "Registrar", "Confirmar pedido", "Cancelar pedido", and "Reservar vuelo". The diagram includes include and extend relationships between use cases.

Creamos el ejemplo “La máquina de café”

The screenshot displays a development environment with three main components:

- Web Application (Left):** A user profile page for "CHRISTIAN MACIA HEREDIA" on the "Aules" platform. It includes a search bar, a menu, and sections for "Descripció" and "Interessos".
- Code Editor (Middle):** A file explorer on the left shows a project structure. The main editor displays a UML use case diagram for "Casos_de_uso_puml". The diagram includes use cases for "Meter dinero", "Pedir azucar", "Pedir Producto", "Cancelar", and "Devolver dinero". The code editor shows the corresponding UML diagram in text format.
- UML Diagram (Right):** A UML use case diagram for "Casos_de_uso_puml". It shows a "Cliente" actor connected to "Meter dinero", "Pedir azucar", "Pedir Producto", "Cancelar", and "Devolver dinero". The diagram includes include relationships between use cases.

The screenshot displays a development environment with three main components:

- Web Browser (Left):** Shows the profile page of Christian Macia Heredia on the Aules Valenciana website. The page includes a header with the Aules Valenciana logo and navigation links, a search bar, and a profile section with a profile picture, name, preferences, and contact information (email: crismh101@gmail.com, Missatge button).
- File Explorer (Middle):** Shows a project structure for 'Casos_de_uso_puml'. The structure includes folders like 'src', 'camio', and 'Entornos', and files like 'Casos_de_uso_puml', 'Event.puml', 'Recuperacion', 'TEM4', 'UD7', 'Calculadora', 'Ciudad', 'CuerpoCeleste', 'Donation', 'DonationData', 'Ier', 'entornos', 'Luna', 'Main', 'PiCalc', 'Planeta', 'PlanetaEnano', 'Trabajo.puml', and 'External Libraries'.
- Code Editor (Right):** Shows a PlantUML script for a class diagram. The script defines a new actor and a sequence of messages (Identificarse, Pagar, elegir mensajero, Confirmar) with extend and left to right direction annotations. The script is enclosed in @startuml and @enduml tags.

The screenshot displays a web browser window with the 'Aules' website. The user profile for 'CHRISTIAN MACIA HEREDIA' is visible, featuring a search bar, a 'Busca' button, and a 'Missatge' button. The user's email is 'crismh101@gmail.com'. The browser tabs show 'aulas.edu.gva.es/p/user/profile' and 'Casos_de_uso.puml'. The background shows a code editor with a UML diagram and a terminal window.