

Accessibility notes

Transport service



Accessibility Chair of UPC
Architecture, design and technology for all

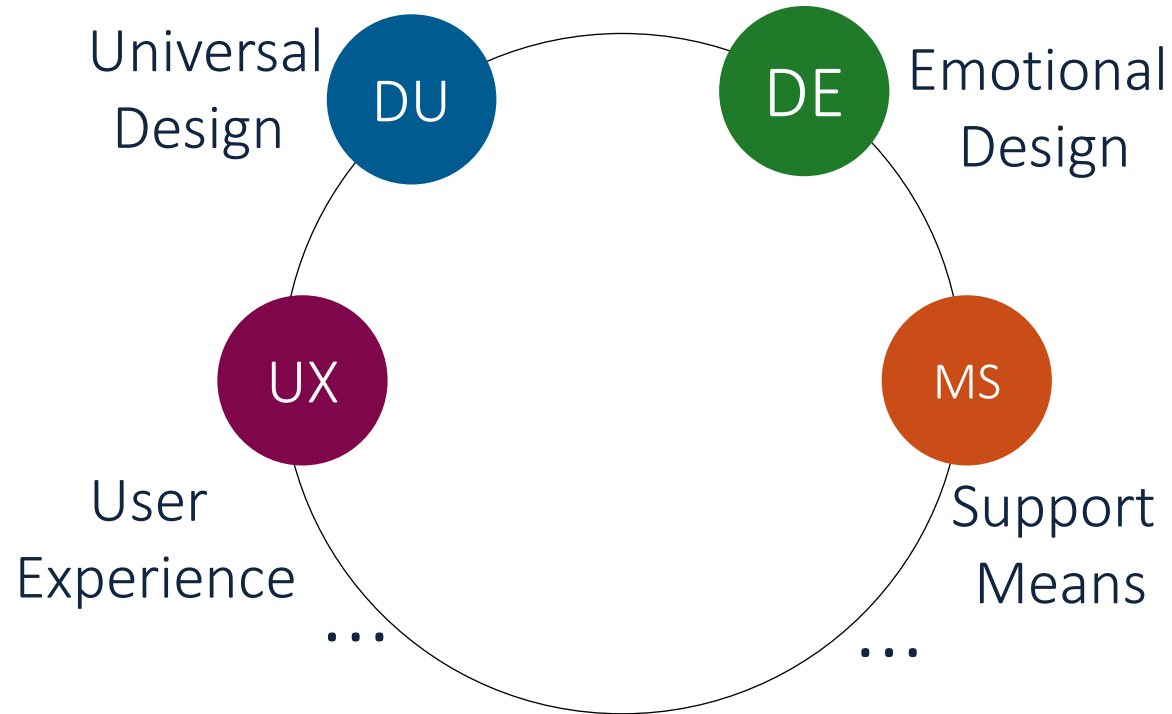
Dr. Daniel Guasch Murillo

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Design

Design strategies



Design strategies

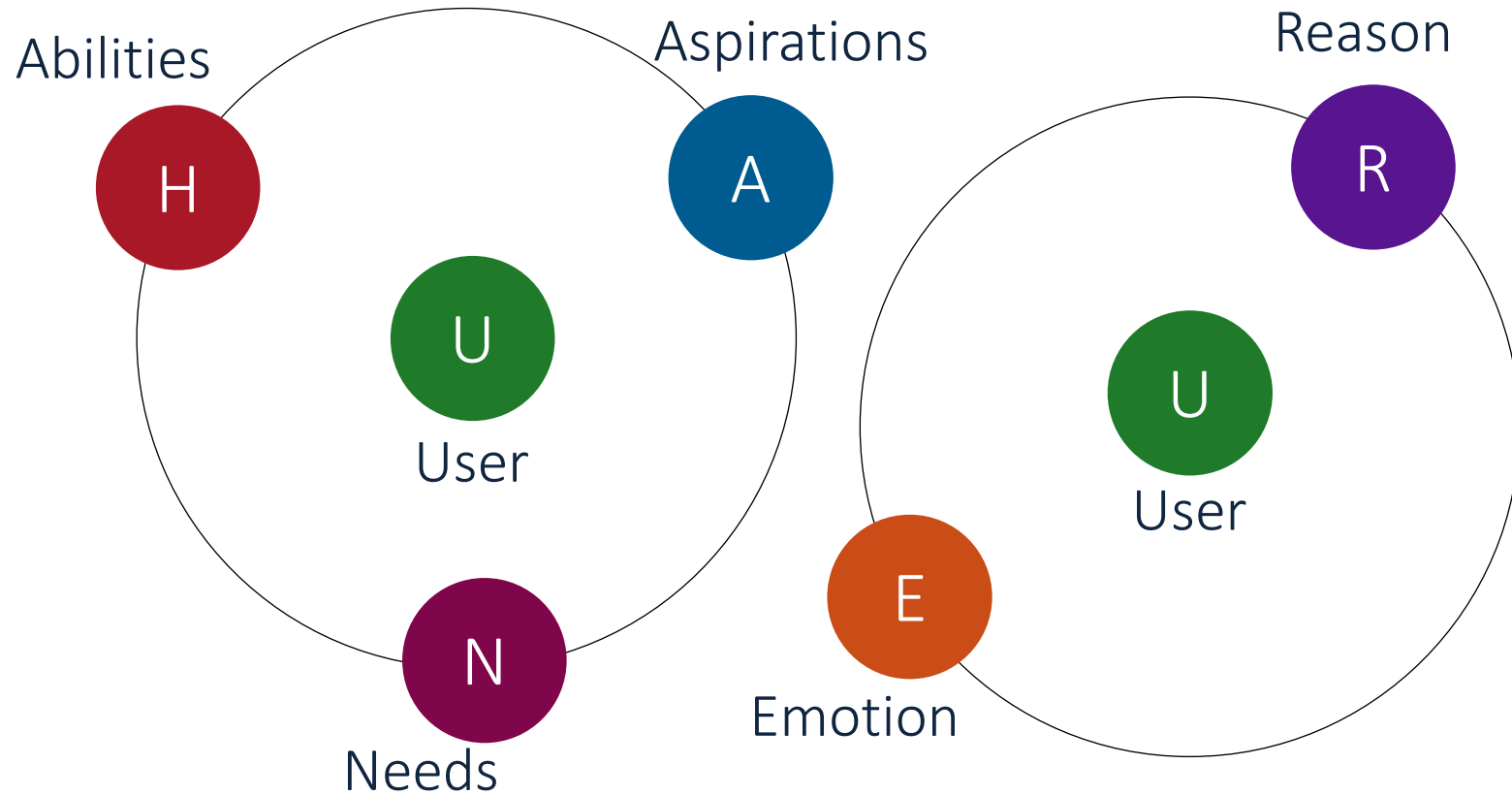
- Universal Design
- Emotional design
- Support means
- User experience

The Universal Design

1. Equitable use
2. Flexibility in use
3. Simple and intuitive use
4. Perceptible information
5. Tolerance error
6. Low effort
7. Size and space for access and use



The user



The user

- Abilities
- Aspirations
- Needs

- Emotion
- Reason

R

Regulations

Current legislation



“Royal Decree 1544/2007, November 23rd, Which regulates the basic condition of accessibility and no discrimination in the access and use of transport means by people with disability.”

Basic considerations

Railway transport.

Sea transport.

Road transport.

Urban and suburban transport on bus.

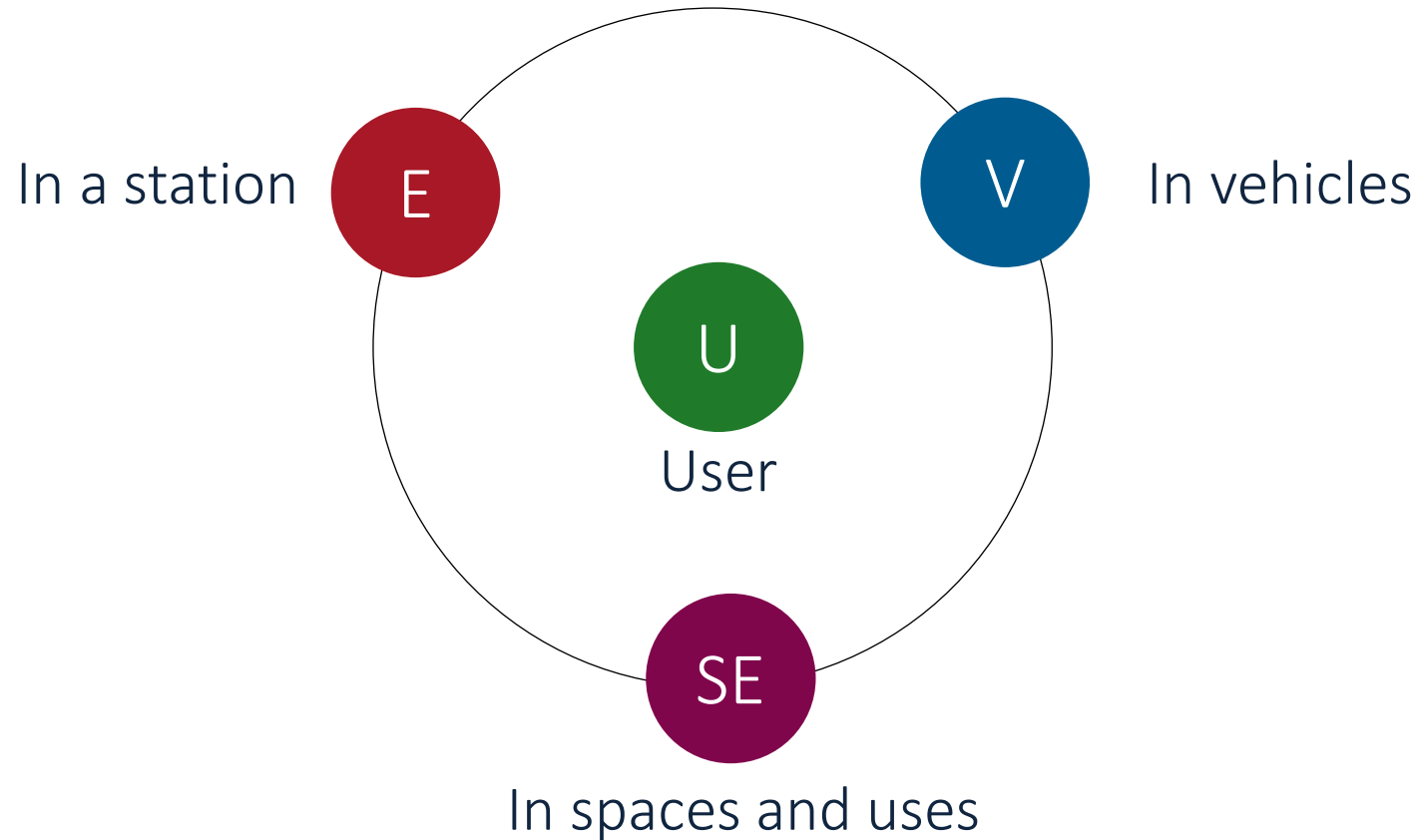
Metropolitan railway transport.

Accommodated transport on taxi

Special transport services.

Settings to consider

It is necessary to guarantee accessible routes



In a station



In a station

General considerations

- It is necessary to guarantee an accessible route.
- Public parking lot with space reserved.
- Enough maneuvering space without obstacles.
- Non-slipping paving with warning strips.
- Enough light (100-150 luxes).
- Appropriate horizontal and vertical signaling.
- It is necessary one accessible access at least..

In uses and spaces

SE

In spaces and uses

General considerations

- Appropriate banisters (double height, 45cm before/after).
- It is necessary at least one accessible toilet.
- It is necessary at least one accessible front desk for selling tickets, giving information or assisting a client.
- Information has to be given in several media.
- Appropriate furnishings, complements and , projections.
- Companionship and Guide dog service.
- Emergency systems: alarms and evacuation.

In Uses and Spaces

Considerations in the accesses and transports
(platforms, docks, fingers, etc.)

SE

In spaces and uses

- It is necessary to mark the ending part of the platform floor (contrast, color, etc.) .
- It is necessary to minimize the vertical and horizontal gaps.
- It is needed one accessible door at least .
- At the same level of the platform
- With an elevator or lift-platform.

Means of transport



In vehicles

General considerations

- It is necessary to guarantee prioritized seats.
- It is necessary to reserve space for wheelchairs .
- It is necessary to guarantee mobility inside.
- At least 1 adapted bath (if applicable).
- Interior doors need to be accessible.
- Information through multiple channels and formats.
- Steps, handrails and adapted handrails.



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Accessibility Chair of UPC

Architecture, design and technology for all

Campus de Vilanova i la Geltrú

Escola Politècnica Superior d'Enginyeria de Vilanova i la Geltrú

Edifici A, despatx VGA158

Avda. Víctor Balaguer, 1

08800 Vilanova i la Geltrú

accessibilitat@upc.edu



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