

# A4: Supplementary requirements

## Business Rules

Identifier	Name	Description
BR01	Usage Search	Any <i>user</i> can search, filter and see all products.
BR02	Usage Registry	On signup the system cannot accept e-mails that already are in the database.
BR03	Conclusion	Only a <i>costumer</i> can checkout their cart.
BR04	Banned	It's not possible for a banned <i>user</i> to log in.
BR05	Violation	If a <i>costumer</i> tries to scam the shop he will be automatically banned from the website.
BR06	Product Price	The price of a product has to be higher than zero.
BR07	Purchase Date	The purchase date must be later than the date in which the product was added to the shop.

## Technical Requirements

Identifier	Name	Description
TR01	Availability	The website must be available all around the world for the maximum amount of time possible on a period of 24 hours.
TR02	Acessibility	The website must grant acess to everyone independently of their browser, device or if they have any disability.
TR03	Usability	The system must be simple and easy to use.
TR04	Web Application	The system must be implemented as a web application with dynamic pages (HTML5, JavaScript, CSS3 and PHP).
TR05	Portability	The website must work in every platform (Linux, Mac OS, etc).
TR07	Database	Must use the PostgreSQL 9.4 system for database management.
TR08	Security	The system must not compromise their <i>user's</i> personal information or credentials.
TR09	Adaptability	The website must work in any web browser, computer or mobile version.
TR10	Robustness	The system must be ready to stay active even with high traffic and treat runtime errors.
TR11	Scalibility	The website must be ready to grow with the number of users and purchases.
TR12	Ethics	The system must stand by the ethical principles when developing the software.

## Restrictions

Identifier	Name	Description
C01	Deadline	The system must be ready to use at the beginning of June 2016.
C02	Weekly Checkpoints	Each week a different Artifact must be completed (In some of the weeks more than one per week).

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