fInstruweb – The online store for musicians!

Requirements:

These are the requirements shaped according to Moscow, sorted into functional and non-functional requirements.

**FR** stands for functional requirement.  
**NF** stands for non-functional requirement.

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|  | Functional |
| FR-01 | As a user I want to be able to select categories so I can find a potential desired product(s). |
| FR-02 | As a user I want to be able to add one or multiple items to my shopping cart so I can order my desired products. |
| FR-03 | As a user, I want to be able to easily remove one or more products from my shopping cart. |
| FR-04 | As a user, I want to be able to create an account so that my data is saved for a subsequent order. |
| FR-05 | As an administrator, I want to be able to easily create user and administrator accounts so that selecting roles remains under administrators. |
| FR-06 | As an administrator, I want to be able to modify products in the web shop so that the information and price remain up-to-date. |
| FR-07 | As a user, I want to be able to check out the products in my cart so that the order is initiated. |
| FR-08 | As a user, I want to be able to update my account information so that my information can be kept up-to-date. |
| FR-09 | As a user, I want to be able to search for products all over the site so that I can find my desired product. |
| FR-10 | As a user, I want to be able to filter by certain characteristics in the selected category so that I can more easily find the product I am looking for. |
| FR-11 | As a user, I want to see related products on the product page so that I can order something with them if necessary. |
| FR-12 | As a developer, I want a product to be able to contain multiple categories so that searching for particular products is simplified. |
| FR-13 | As a user, I want to be able to log in so I can update my account information. |
| FR-14 | As a user, I want to be able to register so I can update my account information. |

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|  | Non-functional |
| NF-01 | As a user I want to be able to view the website on every device whenever I want so I can purchase products everywhere. |
| NF-02 | As a software developer I want the application to be maintainable and scalable so I can add functionality to it in the future. |
| NF-03 | As a software developer I want the front-end and backend communicating via an API. |
| NF-04 | As a user I want the website to load within 1 seconds so I won’t visit another website. |