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**Specification of software requirements**

**Project:** Vinyl Stilos

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# Specific requirements

**Functional Requirements**

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| **Identification of the requirement:** | FR01 |
| **Name of the Requirement:** | Register User. |
| **Features:** | Users must identify themselves to make an online purchase. |
| **Description of the requirement:** | The web system must use a post method of a rest service to enter the user in the database |
| **NON-functional requirement:** | * NFR01 * NFR02 |
| **Priority of the requirement:**  High | |

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| **Identification of the requirement:** | FR02 |
| **Name of the Requirement:** | Delete User. |
| **Features:** | The system must delete a user by its id. |
| **Description of the requirement:** | Create a rest service with a delete method by user id. |
| **NON-functional requirement:** | * NFR02 |
| **Priority of the requirement:**  High | |

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| **Identification of the requirement:** | FR03 |
| **Name of the Requirement:** | Modify User. |
| **Features:** | The system must update the records of a user |
| **Description of the requirement:** | Create a put method in a subtraction service to modify the record of a user. |
| **NON-functional requirement:** | * NFR02 |
| **Priority of the requirement:**  High | |

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| **Identification of the requirement:** | FR04 |
| **Name of the Requirement:** | Consult User. |
| **Features:** | Query a user by his id. |
| **Description of the requirement:** | Create a get method in a subtraction service to see registered users |
| **NON-functional requirement:** | * NFR02 |
| **Priority of the requirement:**  High | |

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| **Identification of the requirement:** | FR05 |
| **Name of the Requirement:** | Consult Sale. |
| **Features:** | Users will be able to search for the detail of their invoice by the id. |
| **Description of the requirement:** | The user must enter the id of the sale and a table with the sale data will be printed, retrieving with a get method. |
| **NON-functional requirement:** | * NFR01 * NFR02 * NFR03 * NFR04 * NFR05 * NFR06 |
| **Priority of the requirement:**  High | |

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| **Identificación del requerimiento:** | FR06 |
| **Name of the Requirement:** | Delete sale by id |
| **Features:** | The system must delete a sale by its id. |
| **Description of the requirement:** | Create a rest service with a delete method by sales id. |
| **NON-functional requirement:** | * NFR02 * NFR03 * NFR04 * NFR05 * NFR06 |
| **Priority of the requirement:**  High | |

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| **Identification of the requirement:** | FR07 |
| **Name of the Requirement:** | Insert a new sale. |
| **Features:** | The system must enter a new sale. |
| **Description of the requirement:** | Create a post method in a rest service that enters a new sale in the database. |
| **NON-functional requirement:** | * NFR02 * NFR03 * NFR04 * NFR05 * NFR06 |
| **Priority of the requirement:**  High | |

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| **Identification of the requirement:** | FR08 |
| **Name of the Requirement:** | Modify a sale |
| **Features:** | The system must update the records of a sale |
| **Description of the requirement:** | Create a put method in a subtraction service to modify the record of a sale. |
| **NON-functional requirement:** | * NFR02 * NFR03 * NFR04 * NFR05 * NFR06 |
| **Priority of the requirement:**  High | |

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| **Identification of the requirement:** | FR09 |
| **Name of the Requirement:** | Consult Product . |
| **Features:** | Users will be able to search for the detail of their invoice by the product id. |
| **Description of the requirement:** | The user must enter the id of the product and a table with the sale data will be printed, retrieving with a get method. |
| **NON-functional requirement:** | * NFR01 * NFR02 * NFR03 * NFR04 * NFR05 * NFR06 |
| **Priority of the requirement:**  High | |

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| **Identificación del requerimiento:** | FR010 |
| **Name of the Requirement:** | Delete product by id |
| **Features:** | The system must delete a product by its id. |
| **Description of the requirement:** | Create a rest service with a delete method by product id. |
| **NON-functional requirement:** | * NFR02 * NFR03 * NFR04 * NFR05 * NFR06 |
| **Priority of the requirement:**  High | |

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| **Identification of the requirement:** | FR011 |
| **Name of the Requirement:** | Insert a new product. |
| **Features:** | The system must enter a new product. |
| **Description of the requirement:** | Create a post method in a rest service that enters a new product in the database. |
| **NON-functional requirement:** | * NFR02 * NFR03 * NFR04 * NFR05 * NFR06 |
| **Priority of the requirement:**  High | |

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| **Identification of the requirement:** | FR012 |
| **Name of the Requirement:** | Modify a product |
| **Features:** | The system must update the records of a product |
| **Description of the requirement:** | Create a put method in a subtraction service to modify the record of a product. |
| **NON-functional requirement:** | * NFR02 * NFR03 * NFR04 * NFR05 * NFR06 |
| **Priority of the requirement:**  High | |

**Non-Functional Requirements**

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| **Identification of the requirement:** | NFR01 |
| **Name of the Requirement:** | System interface |
| **Features:** | * The program will show a crossing of graphic interfaces, with which the user can have better navigation. * The system presents a simple user interface so that it is easy to use for system users. |
| **Description of the requirement:** | The system must have an intuitive and simple user interface. |
| **Priority of the requirement:**  High | |

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| **Identification of the requirement:** | NFR02 |
| **Name of the Requirement:** | Help in the use of the system. |
| **Features:** | The user interface must present a help system so that the same users of the system can facilitate their work regarding the management of the system. |
| **Description of the requirement:** | The interface must be complemented with a good help system. |
| **Priority of the requirement:**  High | |

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| **Identification of the requirement:** | NFR03 |
| **Name of the Requirement:** | Maintenance. |
| **Features:** | The system must have an installation manual and user manual to facilitate the maintenance that will be carried out by the programmers. |
| **Description of the requirement:** | The system must have easily updatable documentation that allows maintenance operations to be carried out with the least possible effort. |
| **Priority of the requirement:**  High | |

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| **Identification of the requirement:** | NFR04 |
| **Name of the Requirement:** | Performance |
| **Features:** | The system guarantees users a performance in terms of the data stored in the system offering a reliability to it. |
| **Description of the requirement:** | Guarantee the performance of the computer system to the different users. In this sense, the information stored or records made can be consulted and updated permanently and simultaneously, without affecting the response time. |
| **Priority of the requirement:**  High | |

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| **Identification of the requirement:** | NFR05 |
| **Name of the Requirement:** | Reliability continues from the system. |
| **Features:** | The system will have to be in operation 24 hours a day, 7 days a week. |
| **Description of the requirement:** | The availability of the system must be continuous with a level of service for users of 7 days for 24 hours. |
| **Priority of the requirement:**  High | |

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| **Identification of the requirement:** | RNF06 |
| **Name of the Requirement:** | Information security |
| **Features:** | The system guarantees users a security in terms of the information that is processed in the system. |
| **Description of the requirement:** | Guarantee the security of the system with respect to the information and data handled such as documents, files and passwords. |
| **Priority of the requirement:**  High | |