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| ID | FIRST NAME | DATE | AUTHOR | DESCRIPTION |
| RF\_001 | Login | 09/02/2018 | Miguel Angel Rios Gomez | Controls access to the administrator side application, which must be provided fields  -mail: A identifierallowing only distinguish one user from another. One of the restrictions is that it must contain only alphabetic, numeric values ​​and its extension will not exceed 200 characters.  -password: This is the field that will store the user's password, contain alphanumeric characters plus special values. You must be encrypted and its extension should not exceed 15 characters.  Which must be entered correctly because they were validated on the form. |
| RF\_002 | High User | 09/02/2018 | Miguel Angel Rios Gomez | user records are made within the database to manage and access the application, users must contain fields  -IdUsuario: The countryside unique and primary identifier, which will also auto incrementing number and can not be modified.  -name: Field staff user name which only contain alphabetic characters will be added, its length is greater than 30.  -apellidoPaterno: Field staff paternal last name of the user who only contain alphabetic characters will be added, its extension will not exceed 30.  -apellidoMaterno: Field staff user mother's maiden name which only contain alphabetic characters will be added, its extension will not exceed 30.  **-birth date;** Field indicating the date of birth of the new user registration which will have to be a valid from 12/31/1900 to 31/12/2050 in format (Ymd) date.  **-privileges:** Countrysideindicating the level of access a user can have within the system. The default value of 0 will be assigned normal user.  **-state:** Countryside indicating the state of origin of the user having only alphanumeric characters, its length is greater than 200 characters.  **-city:** Countryside which indicate the city of origin of the user having only alphanumeric characters, its length is greater than 200 characters.  **-Street:** Countryside which indicate the street from the user having only alphanumeric characters, address its length is greater than 200 characters.  The default value of 0 will be assigned normal user.  **-number:** Countryside indicating the number of the user's home having alphanumeric characters, its length is greater than 200 characters.  **-phone:** Countryside indicating the user's phone number counting only alphanumeric characters, its length is greater than 200 characters.  **-mail:** It is a field access and identifierallowing only distinguish one user from another. One of the restrictions is that it must contain only alphabetic, numeric values ​​and its extension will not exceed 200 characters.  **-password:**It is the field that will store the user's password, contain alphanumeric characters plus special values. You must be encrypted and its extension should not exceed 200 characters.  **-privileges:** Countrysideindicating the level of access a user can have within the system. The default value of 0 will be assigned normal user.  **-status:** Field indicating the status of a user within the system 1 = 0 = inactive active. |
| RF\_003 | user list | 09/02/2018 | Miguel Angel Rios Gomez | userid, name, father's name, mother's maiden name, BirthDate, state, city, street, number, telephone, mail, password: a list of users who have been registered in the database, the data displayed to users will be shown privileges and status. |
| RF\_004 | edit user | 09/02/2018 | Miguel Angel Rios Gomez | data from a selected user that is registered in the database are obtained, User data may be updated according to the fields: UserID, name, father's name, mother's maiden name, BirthDate, state, city, street, number, telephone, mail, password privileges and status. Then save your changes. |
| RF\_005 | Drop in users | 09/02/2018 | Miguel Angel Rios Gomez | a selected user via the userid field, which is in the database is deleted. |
| RF\_006 | High Product | 09/02/2018 | Miguel Angel Rios Gomez | product registrations are made within the database and be displayed on the frontend and contain fields:  **-idProducto:** Is the countryside unique and primary identifier, which will also auto incrementing number and can not be modified.  -url\_img: Field to add the URL of the product image recorded will accept jpg, jpeg and png no more than 3 MB of capacity and having alphanumeric values ​​no longer than 200.  **-first name:** Field where the personal name of the product shall only contain alphabetic characters will be added, its length is greater than 200.  Description: Country where a brief product description with alphanumeric values ​​is added, its length will not exceed 200.  -Price: Campo where the price of the product which will be used and displayed when customers look for the future implementation of a module online sales remain hidden in the frontend taking decimal values ​​will be added.  **-Stock:** Field where the amount will be added to existing product which will be used and displayed when customers look for the future implementation of an online sales module hidden in the frontend taking numerical values ​​remain.  **- status:** Field indicating the status of a product within the system 1 = 0 = Not Available. |
| RF\_007 | product list | 09/02/2018 | Miguel Angel Rios Gomez | productid, url\_img, name, description, price, stock status: a list of products that have been registered in the database, the data displayed products will be shown. |
| RF\_008 | modify product | 09/02/2018 | Miguel Angel Rios Gomez | data from a selected product that is registered in the database are obtained, product data may be updated according to the fields: ProductID, url\_img name, description, price, stock status. Then save your changes. |
| RF\_009 | Low Product | 09/02/2018 | Miguel Angel Rios Gomez | a product selected by the ProductID field, which is in the database is deleted. |
| RF\_010 | High of news | 09/02/2018 | Miguel Angel Rios Gomez | News records are made within the database and be displayed in the frontend of the site and must contain the following fields:  **-idNoticia:** Is the countryside unique and primary identifier, which will also auto incrementing number and can not be modified.  **Title:** Field to add a title to the news which contain only alphabetic characters, its length is greater than 200.  -url\_img: Field to add the URL of the image of the news recorded this accept jpg, jpeg and png formats no larger than 3 MB capacity and having alphanumeric values ​​no longer than 200.  Description: Field where a brief description of the news with alphanumeric values ​​are added, their extension will not exceed 200.  **- status:** Field indicating the state of a story within the system 1 = Published 0 = Not published. |
| RF\_011 | list news | 09/02/2018 | Miguel Angel Rios Gomez | a list of news have been recorded in the database is shown, the data will be displayed news: idNoticia, title, url\_img, description, status. |
| RF\_012 | change news | 09/02/2018 | Miguel Angel Rios Gomez | data from a selected news which is registered in the database are obtained, the news data may be updated according to the fields: idNoticia, title, url\_img, description, status. Then save your changes. |
| RF\_013 | Low of news | 09/02/2018 | Miguel Angel Rios Gomez | news selected by the idNoticia field, which is in the database is deleted. |
| RF\_014 | High of gallery | 09/02/2018 | Miguel Angel Rios Gomez | gallery records are performed within the database and be displayed on the frontend site and contain fields:  **-idImagen:** Is the countryside unique and primary identifier, which will also auto incrementing number and can not be modified.  -url\_img: Field to add the URL of the image recorded this gallery accept jpg, jpeg and png formats no larger than 3 MB capacity and having alphanumeric values ​​no longer than 200.  **Title:** Field to add a title to the gallery which only contain alphabetic characters, its length is greater than 200.  **- status:** Field indicates the status of a gallery system within the Posted 1 = 0 = Not published. |
| RF\_015 | list gallery | 09/02/2018 | Miguel Angel Rios Gomez | a list of galleries that have been registered in the database is shown, the data displayed in the galleries are: idImagen, url\_img, title, status. |
| RF\_016 | modify gallery | 09/02/2018 | Miguel Angel Rios Gomez | data from a selected gallery that is registered in the database are obtained, the gallery data may be updated according to the fields: idImagen, url\_img, title, status. Then save your changes. |
| RF\_017 | Lower gallery | 09/02/2018 | Miguel Angel Rios Gomez | a gallery selected by the idImagen field, which is in the database is deleted. |
| RF\_018 | High: FAQ | 09/02/2018 | Miguel Angel Rios Gomez | FAQ records are made within the database and be displayed in the frontend of the site and must contain the following fields:  **-idFaq:** Is the countryside unique and primary identifier, which will also auto incrementing number and can not be modified.  Question: Campo where the question having alphanumeric values ​​no longer than 200 is placed.  **-answer:** Field where the answer will be added to the FAQ contain alphanumeric characters, its length will not exceed 200.  **- status:** Field indicating the status of an FAQ within the system 1 = Published 0 = Not published. |
| RF\_019 | list FAQ | 09/02/2018 | Miguel Angel Rios Gomez | a list of FAQS which have been registered in the database is shown, the data shown in FAQSserán: idFaq question, answer, status. |
| RF\_020 | modify FAQ | 09/02/2018 | Miguel Angel Rios Gomez | data from a selected faq that is registered in the database are obtained, data from the FAQ may be updated according to the fields: idFaq question, answer, status. Then save your changes. |
| RF\_021 | Baja FAQ | 09/02/2018 | Miguel Angel Rios Gomez | a contact selected by the idContacto field, which is in the database is deleted. |
| RF\_022 | Contact High | 09/02/2018 | Miguel Angel Rios Gomez | Contacts are made from the frontend records within the database and must contain the following fields:  **-idContacto:** Is the countryside unique and primary identifier, which will also auto incrementing number and can not be modified.  -Date: Field sending date of contact which will contain a date value with the format (Ymd) will be placed.  **-first name:** Field where the user's full name will be added taking alphanumeric values, their extension will not exceed 300.  **- mail:**Field indicating the email contact contain alphanumeric values ​​and special characters. With an area of ​​no more than 300.  **- affair:**Field indicating the subject of the contact will contain alphanumeric values. With an area of ​​no more than 300.  **- message:**Field indicating the message will contain contact alphanumeric values. With an area of ​​no more than 500. |
| RF\_023 | contact list | 09/02/2018 | Miguel Angel Rios Gomez | idContacto, date, name, email, subject, message: a list of contacts that have been registered in the database, the data shown delos contacts will be shown. |
| RF\_024 | Low contact | 09/02/2018 | Miguel Angel Rios Gomez | The FAQ is selected by the idContacto field, which is in the database is deleted. |

**Functional Requirements**

**Nonfunctional requirements**

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| ID | FIRST NAME | DATE | AUTHOR | DESCRIPTION |
| RNF\_001 | performance | 22/11/2017 | Miguel Angel Rios Gomez | The application will run correctly equipment characteristics depending on which it runs, as these are minimum 2GB RAM and processor 1.60 GHZ. |
| RNF\_002 | Security | 22/11/2017 | Miguel Angel Rios Gomez | The information is handled within the application will be used properly and with caution resguardarla addition to encryption means sha1 be implemented in the database and application. |
| RNF\_003 | Portability | 22/11/2017 | Miguel Angel Rios Gomez | The application runs locally and on the web in computer equipment and mobile devices because it will contain the responsivity necessary. |
| RNF\_004 | connectivity | 22/11/2017 | Miguel Angel Rios Gomez | The application runs on a web server that will be accessed from any device with internet connection. |
| RNF\_005 | Storage | 22/11/2017 | Miguel Angel Rios Gomez | The application will be as light as possible with a maximum space of 11 MB maximum and thus not compromising disk space or hosting machine. |
| RNF\_006 | Source | 22/11/2017 | Miguel Angel Rios Gomez | The election was the Open Sns, as well as their style of formality and seriousness which reflects the direction of the company Ecoinn.  Denotes security plus it makes the view of the titles and menus, as well as the content. |
| RNF\_007 | Colors | 22/11/2017 | Miguel Angel Rios Gomez | **The green (#** 5fa33d): As part of the company logo on the part Ecoinn design also denotes the ecological party representing the company as well as a more user-friendly environment as it is a bright color.  **Light green (#** 84b037): It is a very vivid color and is used in the text part of the logo as well as in the site navigation bar, to give some contrast to the gray.  **The Grey (#** 7a7a7a): Color is part of the logo of the institution, chosen because it is a neutral color and represents hope and honesty contrasts with bright and vivid colors to give a little more insight to the content used in the menus and footer as well as in the logo. |
| RNF\_008 | Images | 22/11/2017 | Miguel Angel Rios Gomez | The content of the pages will turn allusive images to the company using the PNG, JPG and JPEG formats in sizes of 480x300px and 480x480px. |
| RNF\_009 | Logo | 22/11/2017 | Miguel Angel Rios Gomez | The use of the logo of the institution, this may appear at the top of the page either on the left or right side for a better appreciation in PNG format. With proper size of 30%. |
| RNF\_010 | Navigation | 22/11/2017 | Miguel Angel Rios Gomez | Pages can communicate in a way that from each can acezar the others to sail better. |