|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.NO | Functional requirements | | Components | CommentsColm Comments |
|  |  | Single Seller: | | |
| FR1. | Private Branded Auctions | | Private Branded Auctions.php | The system can handle private branded auctions for the customers. |
|  |  | Multiple Vendors: | | |
| FR2. | Charge listing or sales fees | | Charge listing or sales fees.php | The vendors need to be able to set their own listing or sales fees for the products they are selling through the platform. This allows the vendors to determine how much they are charging for their products. |
| FR3. | Real-time Data Updates | | Real-time Data Updates.php | The vendors need to be able to access real-time data updates regarding the sales of their products. This will allow them to accurately track how their products are performing and adjust their pricing and marketing strategies accordingly. |
| FR4. | Mobile-friendly Responsive Design | | Mobile-friendly Responsive Design.php | The platform needs to be optimized for mobile devices to ensure that the vendors’ products are easily accessible to customers regardless of their device type. |
| FR5. | Unlimited Categories, Listings, Users | | Unlimited Categories, Listings, Users.php | The platform needs to be able to accommodate an unlimited number of categories, listings and users. This will enable the vendors to list their products in multiple categories and will allow customers to easily find what they are looking for. |
|  |  | User Features | | |
| FR6. | Registration | | Registration.php | This is a necessary requirement for online auction and eCommerce businesses. Users must register with the site in order to access the services provided. This includes providing a username, password, email address, and other relevant contact information. |
| FR7. | Login with Facebook option | | Login with Facebook option.php | This feature allows users to log in to the site using their existing Facebook account, which is convenient and allows for an easier registration process. |
| FR8. | Feedback | | Feedback.php | This allows users to provide feedback on their experiences with the site, which helps to improve the quality of the services provided. |
| FR9. | Custom User Fields | | Custom User Fields.php | This allows users to create custom fields on their account that can be used to store and access information related to their account. |
| FR10 | My Account Buyer/Seller Controls | | My Account Buyer/Seller Controls.php | This feature allows users to manage their accounts, including setting up rules, preferences, and access levels. |
| FR11. | Internal Messaging System | | Internal Messaging System.php | This feature allows users to communicate with other users on the site, including sellers and buyers. |
| FR12. | New Message Indicator | | New Message Indicator.php | This feature allows users to be notified when they receive a new message, allowing them to stay up to date on any conversations they are having with other users. |
| FR13. | Contact Form | | Contact Form.php | This feature allows users to contact the site’s customer service team directly with any questions or issues they may have. |
|  |  | Ecommerce Functions | | |
| FR14. | Sales Invoicing with checkout options | | Sales Invoicing with checkout options.php | This function enables customers to review their items, checkout and pay for their purchases. It also allows them to select different payment options, such as PayPal, credit card or Stripe Connect. |
| FR15. | PayPal Payments | | PayPal Payments.php | This function enables customers to pay for their purchases with PayPal. |
| FR16. | Credit Card Payments | | Credit Card Payments.php | This function enables customers to pay for their purchases with a credit card. |
| FR17. | Stripe Connect | | Stripe Connect.php | This function enables customers to connect their Stripe account to their purchases. |
| FR18. | Flat rate shipping options | | Flat rate shipping options.php | This function enables customers to select a flat rate shipping option when they checkout. |
| FR19. | Additional item shipping cost | | Additional item shipping cost.php | This function enables customers to pay an additional cost for items that require special shipping. |
| FR20. | Sales Tax | | Sales Tax.php | This function enables customers to pay sales tax on their purchases. |
| FR21. | Void sales option | | Void sales option.php | This function enables customers to void a sale if it is not completed or if it needs to be cancelled. |
| FR22. | Print and Email Invoices | | Print and Email Invoices.php | This function enables customers to print and email their invoices for their purchases. |
| FR23. | Bulk generate sales invoices | | Bulk generate sales invoices.php | This function enables customers to generate multiple sales invoices at once for their purchases. |
| FR24. | Sales Reports with export | | Sales Reports with export.php | This function enables customers to view sales reports and export them in various formats. |
|  |  | Browse and Search | | |
| FR25. | Categories | | Categories.php | This allows users to browse for items by type, such as industrial, auto, consumer and commercial goods. It makes it easier for them to find what they are looking for, quickly and easily. |
| FR26. | Regions | | Regions.php | This allows users to narrow their search by location. It can also be used to find items available in specific parts of the country or the world. |
| FR27. | Advanced Search | | Advanced Search.php | This feature allows users to specify their search criteria more precisely. It can be used to find items based on brand, model, price, material, color, size, etc. |
| FR28. | Browse sort and filter | | Browse sort and filter.php | This allows users to sort and filter their search results. It makes it easier to find what they are looking for by allowing them to narrow their search by parameters such as price, availability, etc. |
| FR29. | Default Browse List or Gallery | | Default Browse List or Gallery.php | This feature displays the items that are most popular or highest rated, making it easier for users to find what they are looking for. |
| FR30. | View Seller&#39;s Other Listings | | View Seller.php | This feature allows users to view other items that have been listed by the same seller. It can be used to find items that may not have been listed in the current search results. This makes it easier to find related items and compare prices. |
|  |  | Auction Features | | |
| FR31. | Proxy Bidding | | Proxy Bidding.php | This feature allows a bidder to place a maximum bid amount on a product and the system will automatically increase the bid to the next highest amount as needed to stay competitive. |
| FR32. | Reserve Price | | Reserve Price.php | This feature allows sellers to set a minimum price for their product and the auction will only be successful if a bidder meets or exceeds this price. |
| FR33. | Next Bid Meets Reserve (Admin Option) | | Next Bid Meets Reserve.php | This feature allows the seller to manually set the next bid for a product to the reserve price, allowing the auction to be successful without waiting for bidding competition. |
| FR34. | Buy Now | | Buy Now.php | This feature allows bidders to purchase a product immediately at a fixed price, bypassing the bidding process. |
| FR35. | Auto-extend (Sniper Protection) | | Auto-extend.php | This feature allows the auction to be extended automatically if a bid is placed within a certain amount of time before the auction closes. This prevents a “sniper” from sniping the auction at the last second. |
| FR36. | Bid Increments | | Bid Increments.php | This feature allows sellers to set a minimum bid increment for auction bids, preventing bidders from “underbidding” the auction and keeping the bidding process fair. |
| FR37. | Auto Relist | | Auto Relist.php | This feature allows sellers to automatically relist an auction if it fails to meet the reserve price. |
| FR38. | Quick Bid | | Quick Bid.php | This feature allows bidders to quickly place bids without having to wait for the page to refresh. |
| FR39. | Large Bid Confirmation | | Large Bid Confirmation.php | This feature allows bidders to confirm large bids before submitting them, preventing accidental bid entry. |
|  |  | Listing Options | | |
| FR40. | Multiple Image Uploads | | Multiple Image Uploads.php | This functional requirement will allow users to upload multiple images for a single product listing. This will help buyers to get a better view of the product before buying. |
| FR41. | Custom Attributes | | Custom Attributes.php | This requirement will allow buyers to add custom attributes to the product listing. This will help buyers to easily find out the attributes that they are looking for in the product. |
| FR42. | YouTube Video Support | | YouTube Video Support.php | This requirement will allow vendors to embed YouTube videos on their product listings. This will help buyers to get a better understanding of the product and its features. |
| FR43. | Upload PDF documents | | Upload PDF documents.php | This requirement will allow vendors to upload PDF documents along with the product listings. This will help buyers to view the product related documents easily. |
| FR44. | Featured and Decoration Options | | Featured and Decoration Options.php | This requirement will allow vendors to feature their product listings and also decorate them with different options like highlighting, text formatting, etc. This will help buyers to easily spot the featured products. |
| FR45. | Add to Watch List | | Add to Watch List.php | This requirement will allow buyers to add the product listing to their watch list. This will help buyers to easily track the listings and make informed decisions. |
| FR46. | Specify End Date/Time | | Specify End Date/Time.php | This requirement will allow buyers to specify the end date and time for a product listing. This will help buyers to easily track the end date and make sure they bid before the listing ends. |
| FR47. | Schedule Listing Start Date/Time | | Schedule Listing Start Date/Time.php | This requirement will allow vendors to schedule the start date and time for a product listing. This will help vendors to easily control the start time of their listings and make sure they are listed at the right time. |
| FR48. | Lightbox Image Viewer | | Lightbox Image Viewer.php | This requirement will allow buyers to view the product listing images in a lightbox. This will help buyers to get a better view of the product before buying. |
| FR49. | Allow listing formats by category | | Allow listing formats by category.php | This requirement will allow vendors to specify the format of the product listing by category. This will help buyers to easily find the products that they are looking for. |
| FR50. | Draft Listings | | Draft Listings.php | This requirement will allow vendors to save their product listings as drafts. This will help vendors to easily edit their draft listings and make sure they are listed accurately. |
| FR51. | Live countdown time remaining options | | Live countdown time remaining options.php | This requirement will allow buyers to view the remaining time for a product listing. This will help buyers to easily track the end date and make sure they bid before the listing ends. |
|  |  | Developers and Customization | | |
| FR52. | Web Services (Web API) | | Web Services.php | Web Services are responsible for providing an interface for external applications to interact with the system. It should provide a secure and robust interface for external applications to access and use data from the system. |
| FR53. | Fully Responsive design (HTML5/CSS3) | | Fully Responsive design.php | The user interface needs to be fully responsive so that it can be used on any device, whether it be a desktop, laptop, tablet, or phone. HTML5 and CSS3 are the best technologies for creating a responsive design. |
| FR54. | N-tier application architecture | | N-tier application architecture.php | This architecture separates the different components of the application into different tiers. This makes it easier to develop and maintain the application, as well as providing scalability and better performance. |
| FR55. | Identity Framework | | Identity Framework.php | This is used to authenticate and authorize users. It provides secure authentication and authorization, as well as the ability to create custom authentication methods. |
|  |  | Security | | |
| FR56. | Encryption (3DES) | | Encryption.php | 3DES is a form of encryption which is used to secure data sent over the web. It is a triple-level data encryption system which uses three keys to encrypt and decrypt data. |
| FR57. | Forgot Password Reset | | Forgot Password Reset.php | This feature allows users to reset their passwords in case they have forgotten them. It requires users to provide additional information (such as security questions) to verify their identity before allowing them to reset their passwords. |
| FR58. | Impersonate User (Admin Function) | | Impersonate User.php | This feature allows the admin to view and edit a user's account as if they were that user. This can be used for troubleshooting and debugging purposes. |
| FR59. | Role based permissions | | Role based permissions.php | This feature allows the admin to assign specific roles to users, giving them access to certain areas of the website. This allows the admin to restrict access to sensitive areas of the website. |
| FR60. | Require Admin Approval (Optional) | | Require Admin Approval.php | This feature allows the admin to require that a user be approved before they can log in to the website. This can be used to prevent spammers and other malicious users from accessing the website. |
| FR61. | Require Authentication to access website (Optional) | | Require Authentication to access website.php | This feature allows the admin to require that a user must authenticate their identity before they can access the website. This can be used to prevent unauthorized access. |
| FR62. | Email Verification System | | Email Verification System.php | This feature allows the admin to require that a user must verify their email address before they can log in to the website. This can be used to prevent spammers and other malicious users from accessing the website. |
| FR63. | Event Logs | | Event Logs.php | This feature allows the admin to view a record of all the events that occur on the website. This can be used for debugging and troubleshooting purposes, as well as to track user activity on the website. |
|  |  | Site Control | | |
| FR64. | Responsive Web-based Administration | | Responsive Web-based Administration.php | This feature allows the administrator to manage the website from any device with a web browser. It should accommodate the different screen sizes and resolutions of different devices. |
| FR65. | Users - Edit and Assign Roles | | Users - Edit and Assign Roles.php | This feature allows the administrator to create, edit, and assign roles to users. This ensures that only authorized users can access the website’s features. |
| FR66. | Category Management | | Category Management.php | This feature allows the administrator to create, edit, and delete categories for the eCommerce site. This allows the site to be customized for different types of products. |
| FR67. | Enable Fees by Category | | Enable Fees by Category.php | This feature allows the administrator to set fees for different categories of products. This helps to generate revenue for the site. |
| FR68. | Reports - Sales Transactions | | Reports - Sales Transactions.php | This feature allows the administrator to view information about sales transactions, such as the buyer’s name and the amount paid. |
| FR69. | Reports - Sales Invoice | | Reports - Sales Invoice.php | This feature allows the administrator to view information about sales invoices, such as the buyer’s name and the amount paid. |
| FR70. | Reports - Listing Fees | | Reports - Listing Fees.php | This feature allows the administrator to view information about listing fees, such as the fee amount and the category of product. |
|  |  | Upload Site Logo and Mobile Logo | | |
| FR71. | Add custom fields to invoices | | Add custom fields to invoices.php | This feature allows the administrator to add custom fields to invoices to capture additional information from buyers. |
| FR72. | Add custom fields to sales data | | Add custom fields to sales data.php | This feature allows the administrator to add custom fields to sales data, such as the buyer’s name and address, to capture additional information from buyers. |
|  |  | Content Management | | |
| FR73. | Add new custom content pages | | Add new custom content pages.php | This requirement allows to add new customize pages. |
| FR74. | Homepage Content options | | Homepage Content options.php | This feature allows to have multiple options about homepage content. |
| FR75. | Site Header | | Site Header.php | This requirement is about how header will look like in different pages. |
| FR76. | Terms &amp; Privacy Policy | | Terms &amp; Privacy Policy.php | There will be a link on which users can click and read terms and policies. |
| FR77. | Footer and Header Scripts | | Footer and Header Scripts.php | Footer and header scripts and layout will be same throughout all pages. |
| FR78. | File Not Found (404) page | | File Not Found (404) page.php | This will pop up when user try to access which isn’t supported by the system or unavailable. |
| FR79. | Sub-Navigation Links | | Sub-Navigation Links.php | This feature allows users to navigate from one link to another. |
| FR80. | Maintenance Mode Content | | Maintenance Mode Content.php | This requirement is about to maintain other content managements requirements effectively. |