## Requirements

* Software is open source, rights transferrable to RF
* Must be fast!
* Player must be persistent

## Features

1. Account
   1. Must have
      1. View accounts
         1. View a list of accounts
         2. Columns
            1. Account name (linked to account detail)
            2. Edit (linked to edit account)
      2. View account detail
         1. View the details of an account
         2. Artist
            1. Account info
            2. Artist info
            3. Account albums
            4. Account assets
         3. Client
            1. Account info?
      3. Add/edit account notes
         1. Add notes about the account
      4. Add edit artist/label/catalog account
         1. See Artist Fields in the [data appendix](https://docs.google.com/a/rumblefish.com/document/d/1pXXkcsvDzTVnIG53_vU1HZuK9d5AJEB_tE5sk7Ji5jI/edit#heading=h.c1camosq214p)
      5. Add/edit client account
         1. See Client Fields in the [data appendix](https://docs.google.com/a/rumblefish.com/document/d/1pXXkcsvDzTVnIG53_vU1HZuK9d5AJEB_tE5sk7Ji5jI/edit#heading=h.c1camosq214p)
      6. Add/edit songwriters
         1. Choose from a list of existing writers or enter a new writer
      7. Add/edit performing rights organizations
         1. Choose from a list of existing PROs or enter a new PRO
      8. Account message
         1. Add a message that appears when the user logs in
      9. Change password
      10. Change account status
          1. See Account status fields in the [data appendix](https://docs.google.com/a/rumblefish.com/document/d/1pXXkcsvDzTVnIG53_vU1HZuK9d5AJEB_tE5sk7Ji5jI/edit#heading=h.c1camosq214p)
      11. Documents
          1. View
          2. Upload
      12. Search accounts
          1. Search for accounts by keywords
      13. View account activity
2. Admin
   1. MUST HAVE
      1. For RF meta admins
      2. CRUD users, change user roles
         1. Admin, super adim
      3. Content management
         1. Edit content within the application like dialogs, page copy, help text
3. Artist
   1. MUST HAVE
      1. View artists
         1. Columns
            1. Artist name, Status?, Number of assets, edit button
            2. Artist name links to Artist detail, Edit links to editing
      2. View artist detail
         1. Artist info, payee contact, payee info, albums, tracks, edit button which takes you to edit for the respective thing
      3. Add/edit artist
         1. See Artist fields in the [data appendix](https://docs.google.com/a/rumblefish.com/document/d/1pXXkcsvDzTVnIG53_vU1HZuK9d5AJEB_tE5sk7Ji5jI/edit#heading=h.c1camosq214p)
      4. Search artists
4. Assets
   1. MUST HAVE
      1. Add/edit tracks
         1. Add a new asset or edit information about it
         2. See the [data appendix](https://docs.google.com/a/rumblefish.com/document/d/1pXXkcsvDzTVnIG53_vU1HZuK9d5AJEB_tE5sk7Ji5jI/edit#heading=h.c1camosq214p) for Asset information fields
      2. Add assets to playlist (ADMIN ONLY)
         1. Add the selected asset(s) to a playlist
      3. Add/edit albums
         1. See Album fields in the [data appendix](https://docs.google.com/a/rumblefish.com/document/d/1pXXkcsvDzTVnIG53_vU1HZuK9d5AJEB_tE5sk7Ji5jI/edit#heading=h.c1camosq214p)
      4. Remove albums (ADMIN ONLY)
         1. Remove all the tracks associated with an album from all RF channels: API, YouTube, etc.
      5. View albums
         1. View a list of albums
         2. Columns: Album name, band name, published date
      6. View album detail
         1. View information about a specific album
         2. View tracks associated with an album
         3. Remove album action is located here
      7. Clio (ADMIN ONLY)
      8. Remove assets (ADMIN ONLY)
         1. See Removal for list of reasons, includes covers
      9. Search assets
         1. Search and filter assets by multiple values
            1. Filters

keyword, playlist, master, composition, third party asset?

* + - * 1. Columns

play, title, artist, duration, catalog, ingested date

clicking on title takes you to the asset detail page, artist to the artist detail page, catalog to catalog detail page

* + 1. Delivery history (ADMIN ONLY)
    2. Download assets (ADMIN ONLY)
    3. Mark as instrumental (ADMIN ONLY)
    4. Mark as explicit (ADMIN ONLY)
    5. Mark as public domain (ADMIN ONLY)
    6. Reassign assets (ADMIN ONLY)
    7. View assets
       1. View a list of assets
       2. See search for columns
    8. View asset details
       1. Asset information fields, see the [data appendix](https://docs.google.com/a/rumblefish.com/document/d/1pXXkcsvDzTVnIG53_vU1HZuK9d5AJEB_tE5sk7Ji5jI/edit#heading=h.c1camosq214p)
       2. Also artists, portals, and licenses that the asset is associated with, delivery history
    9. Select assets (ADMIN ONLY)
       1. Check boxes next to results
       2. Select all/none
  1. NICE TO HAVE
     1. Comment (ADMIN ONLY)
     2. Like/dislike (ADMIN ONLY)
     3. Tag (ADMIN ONLY)
        1. Tag an asset by entering a tag name
        2. Tags created by admins populate a list and then can be quick applied by typing and autocompleting

1. Catalogs
   1. MUST HAVE
      1. Add/Edit catalogs
         1. See catalog fields in the the[data appendix](https://docs.google.com/a/rumblefish.com/document/d/1pXXkcsvDzTVnIG53_vU1HZuK9d5AJEB_tE5sk7Ji5jI/edit#heading=h.c1camosq214p)
      2. Add/Edit catalog licenses
         1. View and change the licenses associated with a catalog
      3. View catalogs
         1. View catalog fields
         2. Columns: Name, total number of assets, content ID
      4. View catalog detail
         1. View a list of the licenses associated with a particular catalog: price, split, etc.
         2. Media count, sound effects, content ID, available licenses (prices), split, browse tracks associated with catalogs
         3. Add edit licenses
         4. Media associated with the catalog?
   2. NICE TO HAVE
      1. In view catalog detail for columns
         1. composition + sum of composition assets
         2. master + sum of master-sound recording assets)
         3. composition & master + sum of composition & master assets
         4. (sum of master only (public domain)
         5. third party asset (, content ID (yes/no)
         6. split?
2. Clio
   1. Clio is a third party provider of asset metadata which can be used to find similar tracks
   2. MUST HAVE
      1. Clio for assets
         1. Clicking on a track with clio data should bring up the Clio search tool
      2. Clio for playlists
         1. Searches a playlist
   3. NICE TO HAVE
      1. Clio issues that need to be fixed
         1. [Fix issue with Clio playlists where results are returned for a previous search](https://app.asana.com/0/455284461002/1064333403310)
         2. [Seed tracks static at top of each Clio search result page for reference](https://app.asana.com/0/455284461002/1022240029865)
3. Delivery History
   1. MUST HAVE
      1. Records where an asset has been delivered to: YouTube, API, Client, etc.
4. Documents
   1. MUST HAVE
      1. View documents
         1. View documents associated with an account
      2. Upload documents
         1. Upload documents to an account
      3. Remove document (ADMIN ONLY)
5. First time workflow
   1. Confirm account info
      1. The first time an artist or catalog signs on to BS, they need to confirm their account information (contact info, possibly writers and publishers
   2. Confirm account writers/publishers
6. Help
   1. View help files about BS
   2. For admins, change help file content
7. Invoices
   1. MUST HAVE (Admin only)
      1. View invoices
      2. Add $ amount
      3. Change invoice status: open, closed
      4. Add notes about invoice
   2. NICE TO HAVE
      1. Link invoice to client in Backstage
      2. Add quickbooks number to invoice (optional)
8. Licenses
   1. MUST HAVE
      1. Add/edit licenses
         1. See license fields in the [data appendix](https://docs.google.com/a/rumblefish.com/document/d/1pXXkcsvDzTVnIG53_vU1HZuK9d5AJEB_tE5sk7Ji5jI/edit#heading=h.c1camosq214p)
      2. Assign license to catalogs
         1. Assign a license to catalogs
      3. Assign license to portals
         1. Assign a license to a portal
      4. Set license prices
         1. Set the price of a license on a portal by portal basis
      5. View licenses
         1. View a listing of RF licenses organized by ID
         2. Columns: License ID, License name (e.g. Personal, Personal premium), Type (e.g Microsync, direct), Region, Term
         3. Actions: Clicking on the license name brings up license detail view, clicking edit brings up edit
      6. View license detail
         1. Lists an individual license and its versions
         2. Columns: License ID, license name, version, portals the license is in, catalogs the license is assigned to
         3. Actions:
      7. License detail view
         1. Lists an individual license
         2. Fields: License name, text
9. Like/dislike
   1. NICE TO HAVE
      1. Admins can like or dislike a track
      2. This information is associated with the user and displayed on a track basis as a count (e.g) number of likes
10. Performing Rights Organization
    1. MUST HAVE
       1. Add, edit PRO
          1. See playlist fields in the [data appendix](https://docs.google.com/a/rumblefish.com/document/d/1pXXkcsvDzTVnIG53_vU1HZuK9d5AJEB_tE5sk7Ji5jI/edit#heading=h.c1camosq214p) (need fields for this)
11. Player
    1. MUST HAVE
       1. Persistent player, meaning it is on the page at all times
       2. Play a track, pause, stop
       3. Scrub forward and backward in a track
       4. Play next and previous
       5. Playall
    2. NICE TO HAVE
       1. View waveform
12. Playlists
    1. MUST HAVE
       1. Add/edit/delete playlist
          1. See playlist fields in the [data appendix](https://docs.google.com/a/rumblefish.com/document/d/1pXXkcsvDzTVnIG53_vU1HZuK9d5AJEB_tE5sk7Ji5jI/edit#heading=h.c1camosq214p)
          2. Should be able to upload an image for a playlist
       2. Add assets to playlist
       3. Mark as submitted
          1. Mark a playlist as submitted to a client
       4. Mark as selected
          1. Mark tracks as selected by client (global action on checkbox)
       5. Assign playlist to portals
       6. Clio playlist
       7. Copy playlist
       8. View delivery history
       9. Download playlist
       10. Export playlist
           1. Creates zip archive with meta data information
       11. Remove assets from playlist
       12. Reorder playlists
       13. Search playlists
       14. Select active (current) playlists
           1. Persistent in the UI
           2. So that tracks can be added to the playlist across Backstage
       15. Share playlists
           1. Share to portals
           2. Share to client?
       16. View playlists
           1. Columns: Title, portal, tracks, shared (yes/no), Occasion, SFX Category, duration, genre
       17. View playlist details
           1. Image, Mood, Occasion, rest of the fields in the data appendix
           2. List of media in the playlist
    2. NICE TO HAVE
       1. Sceduling
          1. Schedule a playlist to go-live at a certain time
       2. Tag playlist
       3. Control occasion search on a portal by portal basis?
       4. [Change playlists so they can live in multiple occasions](https://app.asana.com/0/455284461002/1022932857732)
13. Portals
    1. MUST HAVE
       1. Add/edit portals
          1. Link to client
          2. Set name, password
       2. Assign/remove licenses
       3. Assign/remove catalogs
       4. Set license prices
    2. NICE TO HAVE
       1. Set portal logo
       2. Email customization
14. Publishers
    1. MUST HAVE
       1. Add/edit publishers
       2. Search publishers
15. Reinstate
    1. NICE TO HAVE
       1. Reinstate albums
          1. Reinstate all the tracks associated with a removed album from all RF channels: API, YouTube, etc.
       2. Reinstate tracks
          1. Control reinstatement of tracks to all RF channels: API, YouTube, etc.
16. Remove
    1. MUST HAVE (ADMIN ONLY)
       1. Remove artists, albums, and tracks
       2. Choice of which places to remove from: API, YouTube, others
       3. View the assets that will be remove
       4. Must confirm and provide a reason for the removal
          1. Preset choices: Duplicate, sample, cover, silence, duration too short, duration too long
       5. Removes selected asset(s)
       6. Available on the artist, track, and album level
       7. Can specify where the removal happens
          1. API
          2. Content ID
       8. List of the media that will be removed
       9. Must enter a reason why which is logged and available on the track, album, and artist level
17. Reporting
    1. MUST HAVE
       1. View reports
          1. Assets
             1. Removals
          2. Royalties
          3. Transactions
       2. Generate CSV from reports
18. Royalties
    1. MUST HAVE
       1. Information only function for artists
       2. View the royalties associated with an artist, label, or catalog account
19. Submissions
    1. MUST HAVE
       1. Proto account creation
       2. Submission form
          1. The form used to accept submissions
          2. Fields - [See the data appendix](https://docs.google.com/a/rumblefish.com/document/d/1pXXkcsvDzTVnIG53_vU1HZuK9d5AJEB_tE5sk7Ji5jI/edit#heading=h.c1camosq214p)
       3. Submission quue
    2. NICE TO HAVE
       1. Time limited and user limited access, see the submission process for more details
20. Songwriters
    1. MUST HAVE
       1. Add/edit songwriters
       2. Search songwriters
       3. Pick from a list of songwriters
21. Tools
    1. NICE TO HAVE
       1. View the promotional tools (FM, MLS buttons) associated with an account (artist, label, only)

Global

1. Player
2. Pagination top and bottom
3. Sorting by columns
4. Notifications
   1. System feature to send notifications on specific events to designated users
5. Logging
   1. System feature to log specific events
6. Messages
   1. Messages to users confirming actions
7. Help text next to fields
8. Search
   1. hit enter to search
9. saves search history