**Biopharm R pAcKge Explorer**

**Desired Functionality**

**Create User Account - Public**

Create account – public

Usual process for login, username and password

Do we need a terms of use? If so does someone have a generic one

Request ownership of a package added by an admin ( V2 )

Reset password (V2)

List of packages they own

Profile update (eg email address)

**User Account – Private**

List of functionalities for a user once they create an account and are logged it

Request ownership of a package added by an admin ( V2 )

Reset password (V2)

Edit package details of packages they own

Add others as co-owners so they can also edit package details (V2)

**Add a new package - Public**

Anyone can add a new package

1. Added by someone with an account
   1. They are listed as the “owner” if that package so they can come back and edit, update modify ect
2. Added by someone without an account
   1. By default the admins of BRAKE own it and can modify as we get request, but make every effort to have the package developers take ownership so they can modify

Admins of BRAKE can always edit/modify package

Before a package is displayed for the public it is first reviewed by someone

Once it is reviewed it appears on the public page

List of packages they own

Profile update (eg email address)

Subscribe to update about particular package (V2)

Get notified of new packages (V2)

**Main Website (Public)**

List all packages in the database

Search packages by name or keyword

Search by category

Search by Author (V2)

**Package Details:**

This section lists the information and details about what we will collect for each package.

Information listed on CRAN: Description, Version, R Depends, Published, Author, Maintainer, URL, CRAN Link, GitHubLink, other links (used for things like GitLab), reference materials (allowed to be links), Vignettes, screen shots, list to training (eg on our YouTube channel) , link to shiny app version (see <https://gsdesign.shinyapps.io/prod/> for example), Other information

Package category: How would the owner classify: Trial design, trial simulation, trial monitoring, visualization, tools.

Packages can choose more than one category.

Do we need other categories, such as: safety monitoring?

Do we need a sub-category such as Trial Design -> Dose finding, Trial Design -> Platform trials, randomized trials?