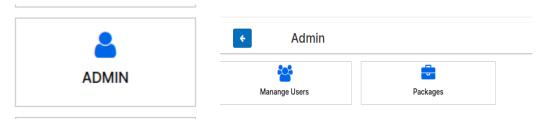
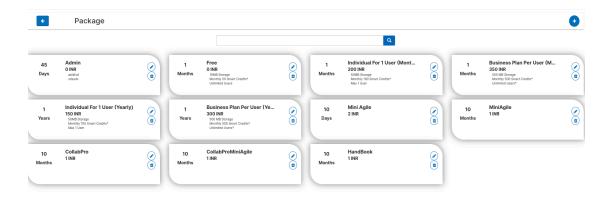
- When user Registers in application, 3 documents are added in 3 different collection:
 - users all userdata save here
- subscribers all subscribers data (package, features) and linking with users is added with the subscriberId
- organisations one organization is created for that user, which then can be updated through setupwizard.

Products:

- All the packages which are created are stored in this collection. We can create package from admin collection.
- One Free package is necessary which will have basic permissions and features, so that whenever user registers that package is applicable for him.

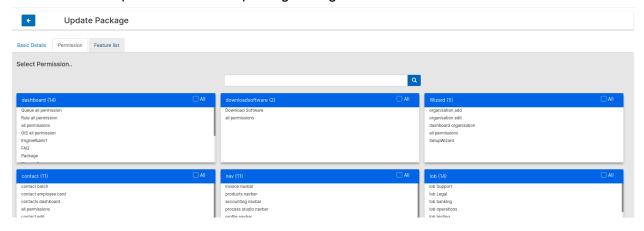


In Packages tab, we can apply CRUD on products/packages.



- While creating package, we can set the price, type of package (use Taxpayer mostly), type of user(Enterprise / Individual). Along with this we can add features like
 - DocumentType List with their limit
 - ProcessList with their using limit and chat limit for SmartChat
 - Report List with the download limit
 - Userlimit : How much users can be created (through SetUp Wizard) using this package
 - Storagelimit : Storage related limits

- User Price: If user need more userlimit then he can increase userlimit while purchasing package (so package price will increase with this user price / user)
- While creating addOn package, have to click checkbox isAddOn and also have to link the addonpackage to main package.
- Also we can add permission for the package using the features tab.

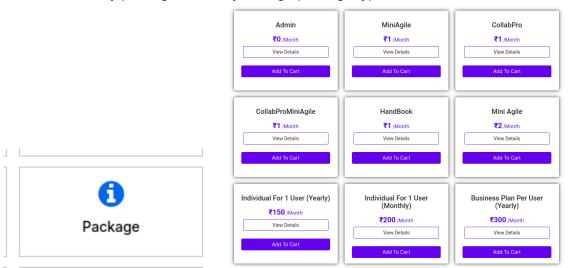


In FeatureList tab, we can add text message to show users while purchasing package.

Add Package:

- When user registers, he gets the free package (all the features & permissions in free package)
 - addpackage api is called from the registerUser api

And User can buy package manually through package type in their dashboard :



- After that these all packages are visible which can be purchased with checkout and buy features.
- Package related apis are in gibots-node-api. Productcontroller and subscribercontroller.
- In product document the features are stored with structure like this:

```
"features" : {
    "documentTypeList" : [
            "name" : "Invoice_Document",
            "limit" : 50,
            "_id" : ObjectId("65f1c4fac400d9cfd823c5aa")
    ],
    "processList" : [
            "processName" : "Mini Agile",
            "limit" : 100,
            "chatLimit" : 20,
            "metaDataList" : [ ],
            "_id" : ObjectId("64e2f8003111793090b95c7d")
    "reportList" : [ ],
    "expiry" : 45
"storage" : {
    "limit" : 20
},
"user" : {
    "limit" : 5
},
```

documentTypelist - Array of documentTypes processList - Array of processes reportList - Array of reports - When we purchase any package, similar structure data is stored in subscriber document. In addition there startdate, expiry these things will be added.

```
"pastPackages" : [ ],
"features" : [
   {
       "startData" : null.
       "expiry" : null,
       "_id" : ObjectId("6618b756e71042b13f2c4816"),
       "documentTypeList" : [],
       "processList" : [➡],
       "reportList" : [😂],
       "packageId" : ObjectId("616d73d6ae22f84216e2501a")
],
"extraPurchase" : [ ],
"storage" : {
   "limit" : 10,
   "used" : 0
"user" : {
   "limit" : 3,
   "used" : 1
```

- User can purchase multiple packages at a time, thats why features in subscriber document in in array format.
- If User purchases the same package again, then it goes the extrapurchase key of the subscriber and after expiry of the current package that package will automatically added in features array.
- In Subscriber document, there is one key called packages where we store all the
 packages which used for that subscriber. Using this packagesIds we fetch all permission
 from respective product document and give it to that user. So that he can use

```
"amount" : 0,
"cartList" : [ ],
"packages" : [
    ObjectId("65e9bb686039c8ccb35ae82f"),
    ObjectId("62833ee8fd6b7508a62d5db7")
],
"status" : "active",
```