**Specifications - Sew Service Repository**

* **Service Provider:**
  + Service providers will do Company Signup request
  + Super admin will accept/deny signup requests.
  + Notification email will be sent to Service Provider
  + They will login to the web console and do the following tasks:
    - Add New Service:
      * Provide Service Information
      * Contact Information
      * Owl-S Formatted service files:
        + X\_Service.owl
        + X\_Profile.owl
        + X\_Process.owl
        + X\_Gronding.wsdl
        + X\_QoSModel.owl
      * New folder will be created for each folder. Provided service files will be uploaded under the newly created folder.
      * Upload path for each of the service files will be stored in the DB
      * All these information will be exposed through developed web services.
    - Edit Existing Service:
      * Add/Delete service files
      * Update service information, contact information
    - Delete Services:
      * Delete service information and related service files
    - Display existing services uploaded by the logged in service provider
  + Logout:
    - Destroy session and redirect to login page.
* **Service Consumer:**
  + Individual users will do signup request
  + Activation code will be sent to user over phone
  + User will activate his account using the activation code
  + Login to the app
  + List of input and output concepts will be will be displayed in dropdown list
  + User will select input and output concepts from the list and do service discovery request.
* **DB Tables:**
  + ProviderSignupRequest (Id, ProviderName, Address1, Address2, City, State, ZipCode, Country, PhoneNumber, Status)
  + ProviderSupportPerson (Id, FirstName, LastName, UserName, EmailAddress, Password, Gender, PhoneNumber, Status)
  + Providers (Follow Group.Direct table Structure)
  + Users (Follow Group.Direct table structure)
  + Service (Id, ServiceName, Description, ContactInformation related fields, UploadedOn, UplodedBy, Status)
  + ServiceDetails (Id, ServiceId, FileName, FileExtension, UploadPath, PhysicalAddress, Status)