Assumptions

1. Overall Interpretation
    a. Users subscribe to packages and services through various ICPs.
    b. ICPs offer packages to users containing various services.
    c. Services contain materials owned by a content creator.
    d. Materials are categorized by each ICP.
2. Details for DB design
    a. An ICP will not create 2 categories with the same name
    b. An ICP will not create 2 services with the same name
    c. An ICP will not create 2 packages with the same name
    d. A creator will not create 2 materials with the same name
    e. A user can only make one request at a time (even a millisecond difference is a different time)
    f. Each user, ICP and Content Creator have unique address/email/phone types for each of their addresses/emails/phones (ie. Home, work, car, cabin up north, etc)
    g. A wholesale price for materials is specified in the contract between an ICP and Content Creator. This is the price which an ICP must pay to the Content Creator every time a user downloads the material
    h. A retail price for materials is specified in the request for a content material. This is the price which the User must pay the ICP before the material can be downloaded
3. Details for DFD design
    a. Request Lodge includes delivery information
    b. Registration Info includes details which can be updated
    c. User is charged on request. If the request is approved, the material is sent to the user then the ICP is charged. If the request is not approved, the user is reimbursed.
    d. An ICP writes up a contract. It gets forwarded to a Content Creator, and stored in the CONTRACTS table. When the Content Creator signs the contract, the CONTRACTS table is updated appropriately. Each step is authorized depending on the Authentication status of each ICP and Content Creator (they must be logged in)
    e. A user can only search for materials which are contained in his/her package and service subscriptions.