Micro Services.

- ☑ User – (Individual + Corporate)
- ☑ Posts
- ☑ Search
- ☐ Home Wall / Feed
- ☑ Stories

   Common Infra
- ☐ User Notification Service (borrowed from Common Infra)
- ☐ Sign In / Sign Up – Auth (borrowed from Common Infra)
- ☐ Ads and Recommendations (borrowed from Common Infra)

Database.

- ● MongoDB
- ● SolR

Collections in the Database.

- ● **User Database**

   - ○ **IndividualUser Collection**
      - ■ String userId
      - ■ String userName
      - ■ String bio
      - ■ String imageURL
      - ■ List<String> postIdList
      - ■ List<String> storyIdList
      - ■ List<Follower>followerList
      - ■ List<Following>followingList
      - ■ List<Request>requestList

   - ○ **Follower Collection**
      - ■ String userId
      - ■ String userName
      - ■ String imageURL

- ○ **Following Collection**
  - ■ String userId
  - ■ String userName
  - ■ String imageURL

- ○ **Request Collection**
  - ■ String userId
  - ■ String userName
  - ■ String imageURL

- ○ **CorporateUser Collection**
  - ■ String corporateId
  - ■ String corporateName
  - ■ List<String> owners
  - ■ List<String> moderators
  - ■ String bio
  - ■ String imageURL
  - ■ List<Post> posts
  - ■ List<Story> stories
  - ■ List<Follower>followers

- ● **Post Database**

  - ○ **Post Collection**
    - ■ String postId
    - ■ String userId
    - ■ Date datePosted
    - ■ String fileType
    - ■ String filePostedURL
    - ■ List<Comment>comments
    - ■ List<String(userId)>likes
    - ■ List<String(userId)>dislikes
    - ■ List<String>categories
    - ■ List<Emoji>emojis

  - ○ **Emoji Collection**
    - ■ String emojiType
    - ■ String userId
    - ■ String emoji(ascii)

- ○ **Comment collection**
  - ■ String commentId
  - ■ String postId
  - ■ String userId
  - ■ String commentText
  - ■ Date dateCommented
  - ■ List<CommentLevel2> commentsLevel2

- ○ **CommentLevel2 collection**
  - ■ String commentLevel2Id
  - ■ String postId
  - ■ String commentId
  - ■ String userId
  - ■ String commentLevel2Text
  - ■ Date dateCommentedLevel2

- ● **Story Database**

  - ○ **Story Collection**
    - ■ String storyId
    - ■ String userId
    - ■ Date dateUploaded
    - ■ String fileType
    - ■ String fileURL

- ● **Search Database**

  - ○ **User Search Collection**
    - ■ String userId
    - ■ String userName
    - ■ String imageURL

  - ○ **Post Search Collection**
    - ■ String postId
    - ■ String userId
    - ■ Date datePosted
    - ■ String fileType
    - ■ String FileURL
    - ■ List<Comment>comments
    - ■ List<String(userId)>likes
    - ■ List<String(userId)>dislikes
    - ■ List<String>categories

- List<Emoji>emojis

API Endpoints.

- Sign In API
    - userSignInDTO - userEmail, password - POST
    - feignInterface - hit sign in api of common infra - POST

- Sign Up Api
    - userSignUpDTO -