

# Lagalt database structure (firebase noSQL)

## projects

title: string  
owner: string (*userId*)  
description: string  
industry: Collection  
  {enum key}: Document  
tags: Collection  
  {enum key}: Document  
images: Map<string, string>  
admins: Collection  
  {userId}: Document  
members: Collection  
  {userId}: Document  
status: string (*enum key*)  
createdAt: timestamp

archivedApplications: Collection  
  {applicationId}: Document

activeApplications: Collection  
  {applicationId}: Document

messageBoards: Collection  
default: Document  
  {messageBoardID}: Collection  
    messageId: number  
    userId: string  
    text: string  
    postedAt: timestamp  
    editedAt: timestamp

chat: Collection  
default: Document  
  default: Collection (default channelId)  
    messageId: number  
    userId: string  
    text: string  
    postedAt: timestamp  
    editedAt: timestamp

links: Map (*link name => url*)  
key: value

## projectRecords

{projectOwner + projectName}: Document  
pid: string

## users

username: string  
*name: string*  
email: string  
memberOf: Collection  
  {projectId}: Document  
hidden: boolean  
skills: Collection  
  {enum key}: Document  
seen: Collection  
  {projectId}: Document  
visited: Collection  
  {projectId}: Document  
appliedTo: Collection  
  {applicationId}: Document  
contributedTo: Collection  
  {projectId}: Document

## userRecords

{username}: Document  
uid: string

## applications

applicationId: string  
userId: string  
projectId: string  
status: string (*pre-defined enums*)  
motivation: string  
feedback: string

# pendingApplicationRecords

{projectId}: Document  
users: Collection  
  {userId}: Document