CS 301 - Introduction to Database Systems
Phase B-- Course Project Specification
Faculty Portal at Academic University (Total Weightage: 10%)
2020 -- 2021 Semester II

General Instructions:
- **You must continue the Phase-B of the project in the same team as your Phase-A.**
- Students should use the given idea and develop it into a full-scale project proposal. We are just giving a just high level idea of the project and by no means a full specification.
- This project would involve Mongo-DB.
- Periodic discussions are mandatory to give a proper direction (and guidance as needed) to the projects.
- Tutorial on MongoDB: https://www.tutorialspoint.com/mongodb/index.htm

Project Description (50 points):

Faculty Profile (to be implemented via a NoSQL): Each faculty has a portal for storing his/her academic profile (for e.g., refer: https://research.monash.edu/en/persons/abhinav-dhall). In this portal, a faculty would like to store details on his/her background, publications, courses taught etc. Note that background information is text, whereas, publications and courses are a list. Furthermore, not all faculty would want to update this information. So this information should not ideally be modeled as a relational schema. It's best to use noSQL for modeling such information.

You are expected to develop and integrate the faculty profile portal along with the leave application portal developed in phase-A of the course project. In other words, faculty should have a single login and after logging in, he/she should be given the options to both update his/her personal profile and apply for leaves (done in phase-A). Note faculty profile pages must be visible to everybody, including the people who do not have a login account in the system.