

CS301 PHASE B PROJECT DOCUMENTATION

By Parnavi (2018MED1007) & Vikram (2018MED1010)

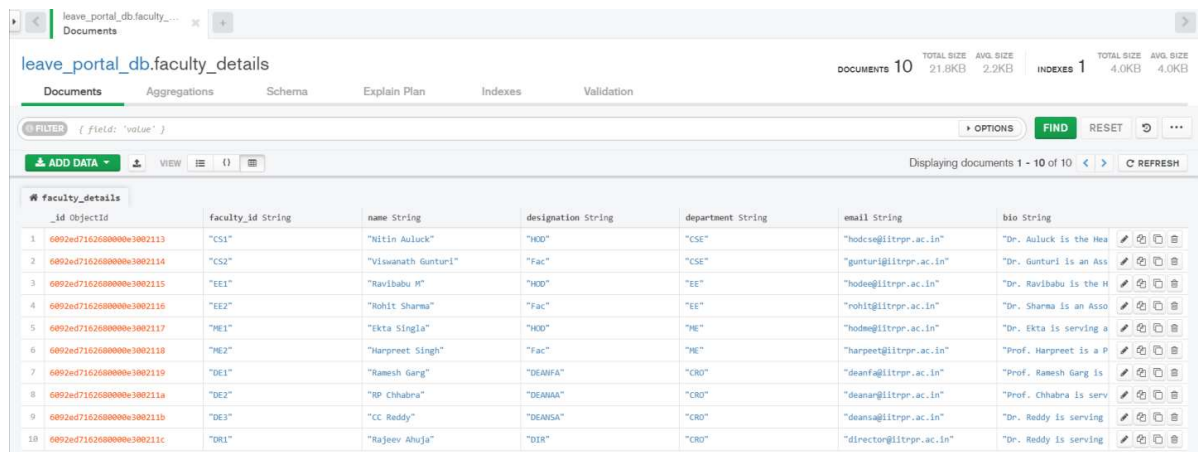
We have used a NoSQL database (MongoDB) to implement faculty profiles with the following features:

1. A faculty, when logged in, has the capability to view and edit his/her own profile, as well as view the profiles of other faculties.
2. Any user, even if not logged in, can view any of the faculty profiles.

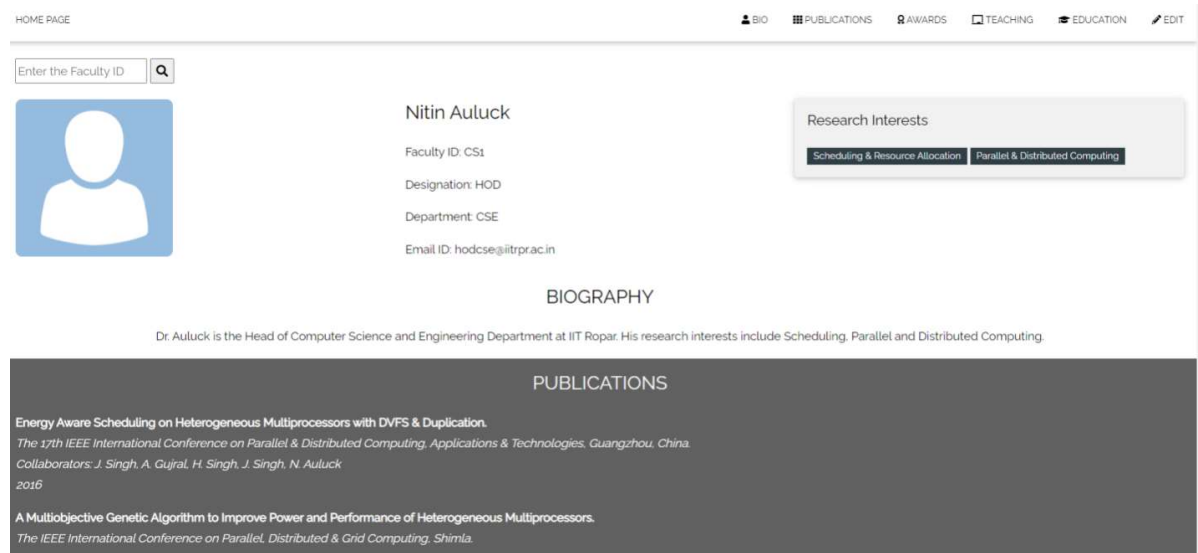
The profile of each faculty consists of the following sections:

1. Biography: A single string
2. Publications: An array
3. Research Interests: An array
4. Awards: An array
5. Grants: An array
6. Courses Taught: An array
7. Education: An array

We have implemented a single collection within the database with each document in the collection representing a unique faculty profile.



	_id	faculty_id	name	designation	department	email	bio
1	6092ed7162608000e3002113	"CS1"	"Nitin Auluck"	"HOD"	"CSE"	"hodcse@iitrpr.ac.in"	"Dr. Auluck is the Hea"
2	6092ed7162608000e3002114	"CS2"	"Viswanath Gunturi"	"Fac"	"CSE"	"gunturi@iitrpr.ac.in"	"Dr. Gunturi is an Ass"
3	6092ed7162608000e3002115	"EE1"	"Ravibabu H"	"HOD"	"EE"	"hodie@iitrpr.ac.in"	"Dr. Ravibabu is the H"
4	6092ed7162608000e3002116	"EE2"	"Rohit Sharma"	"Fac"	"EE"	"rohit@iitrpr.ac.in"	"Dr. Sharma is an Asso"
5	6092ed7162608000e3002117	"ME1"	"Ekta Singla"	"HOD"	"ME"	"hodie@iitrpr.ac.in"	"Dr. Ekta is serving a"
6	6092ed7162608000e3002118	"ME2"	"Harpreet Singh"	"Fac"	"ME"	"harpreet@iitrpr.ac.in"	"Prof. Harpreet is a P"
7	6092ed7162608000e3002119	"DE1"	"Ramesh Garg"	"DEAWA"	"CRO"	"deanr@iitrpr.ac.in"	"Prof. Ramesh Garg is"
8	6092ed7162608000e300211a	"DE2"	"RP Chhabra"	"DEAWA"	"CRO"	"deanr@iitrpr.ac.in"	"Prof. Chhabra is serv"
9	6092ed7162608000e300211b	"DE3"	"CC Reddy"	"DEAWA"	"CRO"	"deanr@iitrpr.ac.in"	"Dr. Reddy is serving"
10	6092ed7162608000e300211c	"DIR1"	"Rajeev Ahuja"	"DIR"	"CRO"	"director@iitrpr.ac.in"	"Dr. Reddy is serving"



HOME PAGE

Enter the Faculty ID

Nitin Auluck

Faculty ID: CS1

Designation: HOD

Department: CSE

Email ID: hodcse@iitrpr.ac.in

BIOGRAPHY

Dr. Auluck is the Head of Computer Science and Engineering Department at IIT Ropar. His research interests include Scheduling, Parallel and Distributed Computing.

PUBLICATIONS

Energy Aware Scheduling on Heterogeneous Multiprocessors with DVFS & Duplication.
The 17th IEEE International Conference on Parallel & Distributed Computing, Applications & Technologies, Guangzhou, China.
Collaborators: J. Singh, A. Gujral, H. Singh, J. Singh, N. Auluck
2016

A Multiobjective Genetic Algorithm to Improve Power and Performance of Heterogeneous Multiprocessors.
The IEEE International Conference on Parallel, Distributed & Grid Computing, Shimla.
Collaborators: J. Singh, M. Pandey, E. Kothiyar, P. Tulagan, V. Gupta, N. Auluck