[**"Accounting"**, **"Administration"**, **"Agriculture and Rural"**, **"Airlines"**, **"Architecture and Interior Design"**, **"Arts"**, **"  
Entertainment and Sport"**, **"Automotive"**, **"Banking"**, **"Beauty and Fashion"**, **"Building Products and Construction"**, **"Call  
Centers"**, **"Chemical"**, **"Childcare"**, **"Communication"**, **"Construction"**, **"Consulting"**, **"Defense"**, **" Education"**,  
 **"Electronics"**, **"Emergencies and Protective Services"**, **"Energy"**, **"Engineering"**, **"Environment"**, **"Fast Moving Customer  
 Goods"**, **"Finance"**, **"Food"**, **"Beverage and Tobacco"**, **"Government"**, **"Graphic Design and Multimedia"**, **"Healthcare and  
Medical"**, **"Hospitality and Tourism"**, **"Housing"**, **"HR and Recruitment"**, **"Information Management"**, **"Insurance and Super  
Annuation"**, **"Information and Technology"**, **"Legal"**, **"Manufacturing"**, **"Manufacturing Metal"**, **"Steel"**, **"Marketing"**,  
**"Media and Advertising"**, **"Mining and Mineral Processing"**, **"Oil and Gas"**, **"Pharmaceutical and Biotech"**, **" Public Affairs"**,  
 **"Real State and Property"**, **"Refinery"**, **"Research"**, **" Retail"**, **"Sales"**, **"Science"**, **"Services"**, **"Telecommunications"**,  
 **"Timber"**, **"Trade"**, **"Transportation and Logistics"**, **"Utilities"**, **"Volunteer and Charity"**, **"Wholesale Trade"**].each **do**|*course\_name*|  
 ***CourseCategory***.create(**name**: *course\_name*)  
**end  
  
*User***.transaction **do** *#Change Value* ***University***.create(**name**: **'Royal University of Bhutan'**, **weblink**: **'https://www.bhutan.edu.au'**, **campus**: **'Thimphu'**, **semester\_living\_expenses**: 5000)  
 *uni* = ***University***.find\_by(**name**: **'Royal University of Bhutan'**)  
  
 *uni*.build\_focal\_contact(**firstname**: **'John'**, **middlename**: **'Cena'**, **lastname**: **'Lincon'**, **email**: **'john@uni.canberra.edu.au'**, **phone\_number**: **'+61-998-887-776'**).save  
  
 *uni*.build\_address(**street\_no**: **'4'**, **street\_name**: **'Pollock St'**, **suburb**: **'Chifley'**, **post\_code**: **'2606'**, **city**: **'Thimphu'**, **country**: **'Bhutan'**).save  
  
 *#create multiple faculties based on above course category name, I have created one as an example  
 uni*.faculties.*new*(**code**: **'ACC101'**, **name**: **'Bachelors in Accounting'**, **course\_category\_id**: ***CourseCategory***.find\_by(**name**: **'Accounting'**)).save  
  
 *#create multiple users as uni\_admins  
 uni*.users.*new*(**email**: **'Nicole@uni.canberra.edu.au'**, **role**: **'uni\_admin'**, **password**: **'Selise88'**,

**faculty\_id**: ***Faculty***.find\_by(**code**: **'ACC101'**), **profile\_attributes**: {**firstname**: **'Nicole'**, **middlename**: **'Harry'**, **lastname**: **'Dass'**}, **faculty\_id**: ***Faculty***.find\_by(**code**: **'ACC101'**))  
  
  
 *#Keep these 5 lines same  
 uni*.criteria\_rules.*new*(**criteria**: **"english"**, **weightage**: 25).save  
 *uni*.criteria\_rules.*new*(**criteria**: **"experience"**, **weightage**: 15).save  
 *uni*.criteria\_rules.*new*(**criteria**: **"country"**, **weightage**: 10).save  
 *uni*.criteria\_rules.*new*(**criteria**: **"academic"**, **weightage**: 50).save  
 *uni*.build\_experience\_criteria(**related\_experience**: 10, **unrelated\_experience**: 5).save  
  
  
 *#Create Multiple Records by using the code used above in faculties  
 # rank: [high\_school, diploma, graduate, post\_graduate, phd]  
 # duration is total semesters  
 faculty* = ***Faculty***.find\_by(**code**: **'ACC101'**)  
 *faculty*.courses.*new*(**code**: **"MIT001"**, **name**: **"Master of Information Technology"**, **duration**: 4, **rank**: **"post\_graduate"**, **course\_category\_id**: ***CourseCategory***.find\_by(**name**: **'Information and Technology'**).id).save  
  
 *#Create Multiple Units* ***Unit***.create(**code**: **"DBMS"**, **name**: **"Database Management System"**, **credit\_point**: 3, **level**: **"high\_school"**, **semester\_fees**: 4500)  
  
 *#Create english\_competency requirement for each course  
 #Keep it same  
 course* = ***Course***.find\_by(**code**: **'MIT001'**)  
 *course*.english\_competencies.*new*(**competency\_type**: **"IELTS"**, **overall\_band**: 6.5, **speaking**: 6, **reading**: 6, **writing**: 6, **listening**: 6).save  
 *course*.english\_competencies.*new*(**competency\_type**: **"PTE"**, **overall\_band**: 6.5, **speaking**: 6, **reading**: 6, **writing**: 6, **listening**: 6).save  
  
 *#Create Single academic\_eligibilities  
 #code=[high\_school, diploma, graduate, post\_graduate, phd]  
 course*.academic\_eligibilities.*new*(**eligibility\_type**: **"Degree Level"**, **minimum\_score**: 60, **code**: **"graduate"**).save  
 *#Create Multiple Pre-requisite subjects  
 course*.subjects.*new*(**name**: **"Math"**, **percentage**: 60).save  
  
 *#Create multiple units  
 # level=[high\_school, diploma, graduate, post\_graduate, phd]  
 uni*.units.*new*( **code**: **"DBMS"**, **name**: **"Database Management System"**, **credit\_point**: 3, **level**: **"graduate"**).save  
  
  
 *#Create multiple course\_unit  
 # category = [optional, mendatory]  
 course* = ***Course***.find\_by(**code**: **'MIT001'**)  
 *course*.course\_units.*new*(**unit\_id**: ***Unit***.find\_by(**code**: **"DBMS"**).id, **category**: **'optional'**).save  
  
  
  
 *#Student Creation  
 # Create Alteast 10 Students* ***User***.*new*(**email**: **'dal@uni.canberra.edu.au'**, **role**: **'student'**, **password**: **'Selise88'**,  
 **profile\_attributes**: {**firstname**: **'Dal'**, **middlename**: **'Bdr'**, **lastname**: **'Rai'**},  
 **address\_attributes**: {**street\_no**: **'4'**, **street\_name**: **'Pollock St'**, **suburb**: **'Chifley'**, **post\_code**: **'2606'**,

**city**: **'ACT'**, **country**: **'Australia'**}).save  
  
 *user* = ***User***.find\_by(**email**: **'dal@uni.canberra.edu.au'**)  
 *user*.english\_competencies.*new*(**competency\_type**: **"IELTS"**, **overall\_band**: 8, **speaking**: 8, **reading**: 8, **writing**: 8, **listening**: 8).save  
  
 *user*.english\_competencies.*new*(**competency\_type**: **"PTE"**, **overall\_band**: 7, **speaking**: 7, **reading**: 6.5, **writing**: 7.5, **listening**: 7).save  
  
 *#create multiple qualifications  
 #level= [high\_school, diploma, graduate, post\_graduate, phd]  
 user*.qualifications.*new*(**level**: **"graduate"**, **course**: **"B.Tech I.T"**, **overall\_percentage**: 82, **completed\_year**: **"2012-04-06"**).save  
  
 *#create multiple subjects  
 qualification* = *user*.qualifications.find\_by(**level**: **'graduate'**)  
 *qualification*.subjects.create(**name**: **"Programming in C"**, **percentage**: 90)  
  
 *#Create Multple experiences  
 user*.experiences.*new*(**job\_type**: **"Programmer"**, **start**: **"2019-01-01 00:00:00"**, **end**: **"2020-01-01 00:00:00"**, **company**: **"Selise"**, **responsibility**: **'Web Development'**).save  
  
 *#create multiple course\_category preferances  
 user*.category\_preferances.*new*(**course\_category\_id**: ***CourseCategory***.find\_by(**name**:**'Information Technology'**)).save  
**end**