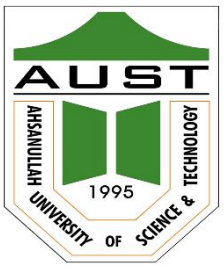


**Ahsanullah University of Science and Technology (AUST)**
Department of Computer Science and Engineering

# Project Proposal

Course No.: CSE4126

Course Title: Distributed Database Systems Lab

## Submitted To-

Mr. G . M . Shahariar

Ashna Nawar Ahmed

## Submitted By-

Jesmin Akter
ID : 18.01.04.052
Section : B1
Year- 4th
Semester-1st
Department-CSE

# Cook Together

- **Plan to do it :**

  Admin will give a interface where contestents upload there Cooking receipe. If these cookings fullfil our chefs requirement then they will be selected and also give ratings. Admin provide this selected list for the contestents to see. The contestents will be able to see his information and ratings. Lists will be updated day by day. From where different restaurant companies can choose the best dishses which have good ratings and demands.

- **Database schema :**

  Global Schema :

  - ✓ Chef (Chef_id, Name, Speciality, Experiance, C_Phone number)
  - ✓ Contestents (C_id, Name, Address, Phone Number, Chef_id, Receipe_name Ratings,Category)
  - ✓ List(C_id, Chef_id)
  - ✓ Admin(Admin_id, A_Name, A_Email, A_Phone number)

  Fragmentation Schema :

  - ✓ Chef $_1$= SL Speciality=Italian Chef
  - ✓ Chef $_2$= SL Speciality=Chinese Chef
  - ✓ Chef $_3$= SL Speciality=Thai Chef
  - ✓ Chef $_4$= SL Speciality=Indian Chef
  - ✓ Chef $_5$= SL Speciality=Bangladeshi Chef
  - ✓ Contestents $_1$= SL Category=Selected Contestents
  - ✓ Contestents $_2$= SL Category=Not selected Contestents

  Finally,

  - ✓ Contestents $_1$= Contestents SJ Chef_id= Chef_id Chef $_1$
  - ✓ Contestents $_2$= Contestents SJ Chef_id= Chef_id Chef $_2$
  - ✓ Contestents $_3$= Contestents SJ Chef_id= Chef_id Chef $_3$
  - ✓ Contestents $_4$= Contestents SJ Chef_id= Chef_id Chef $_4$
  - ✓ Contestents $_5$= Contestents SJ Chef_id= Chef_id Chef $_5$

Allocation Schema:

- ✓ Chef 1, Chef 2, Chef 3, Contestents 1, Contestents 2, Contestents 3 - at site 1
- ✓ Chef 4, Chef 5, Contestents 4, Contestents 5 - at site 2

- **why it needs a distributed database :**

  The components of the distributed architecture are completely independent of one another, which means that every site can be maintained independently. So, one contestents will not be seen others information. In a distributed environment adding more data, increasing database sizes, or increasing database sizes is much easier and servers and sites can easily share data using communication network.This may be required when a particular database needs to be accessed by various users globally. It needs to be managed such that for the users it looks like one single database.