

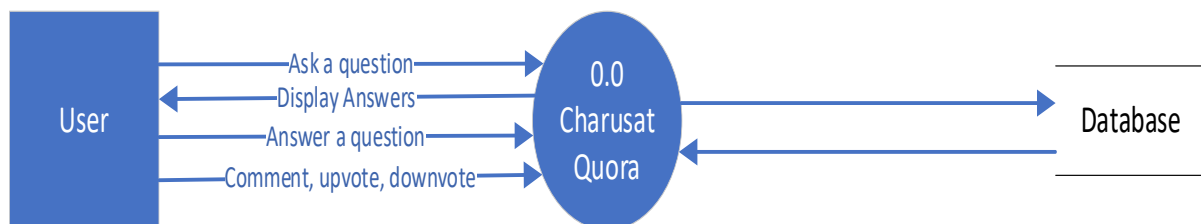
# Practical 6: Software Design - Procedure Oriented and Database

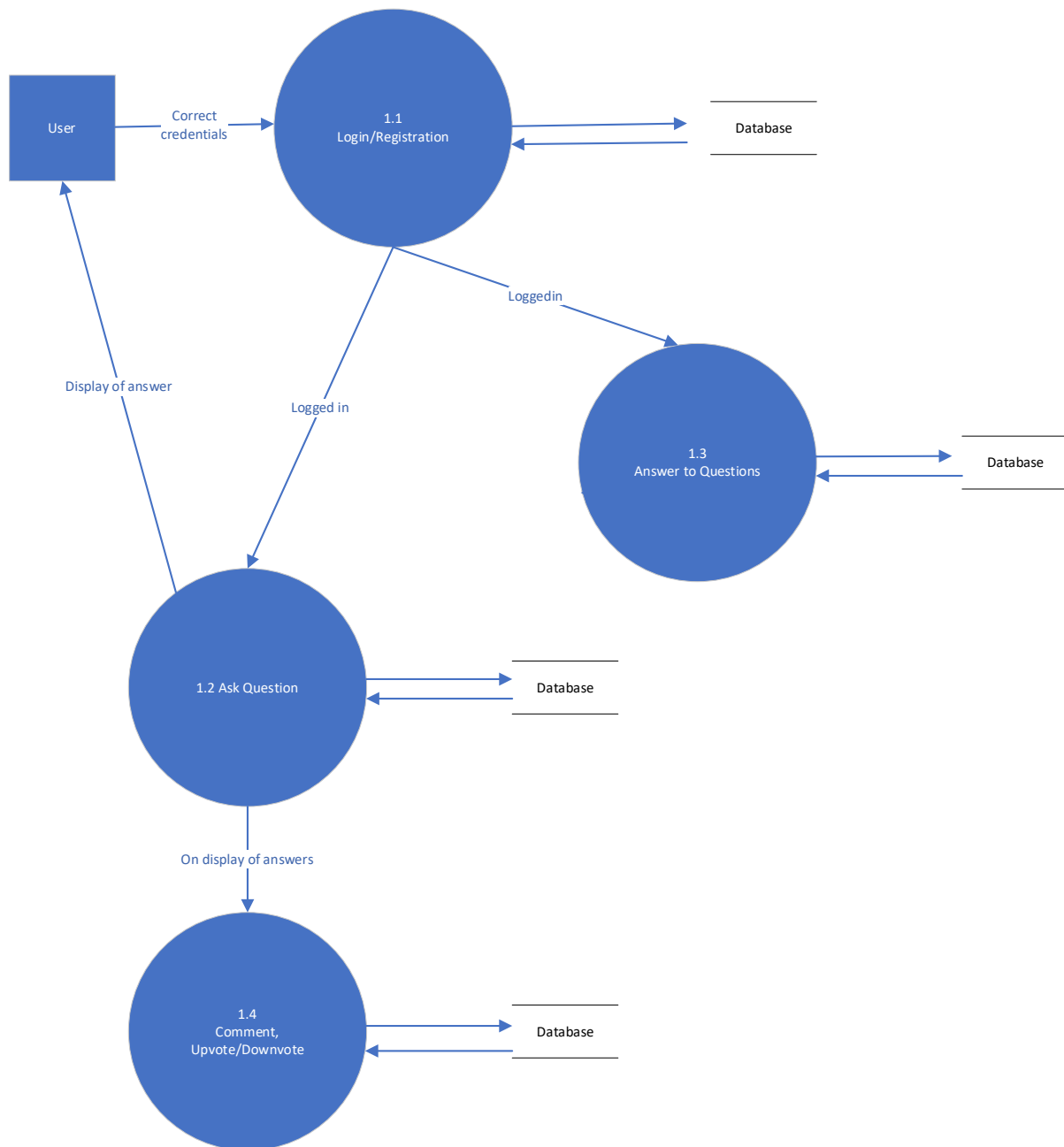
**Aim:**

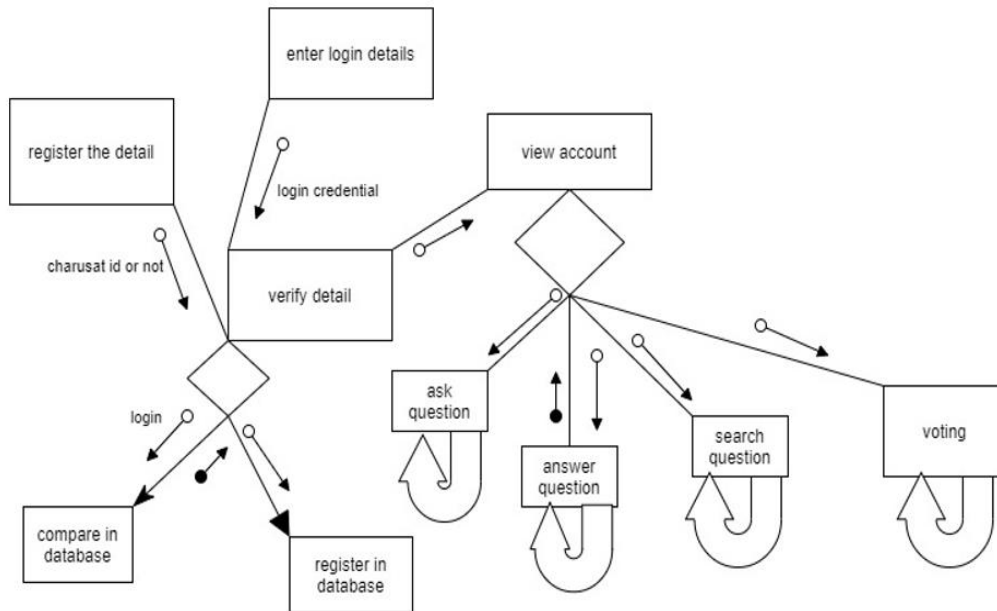
- Prepare design document for your project ( SmartDraw, Visio 2007)
- Procedure oriented methodology (DFD up to level 2, Structure chart, ERD, Data Dictionary.

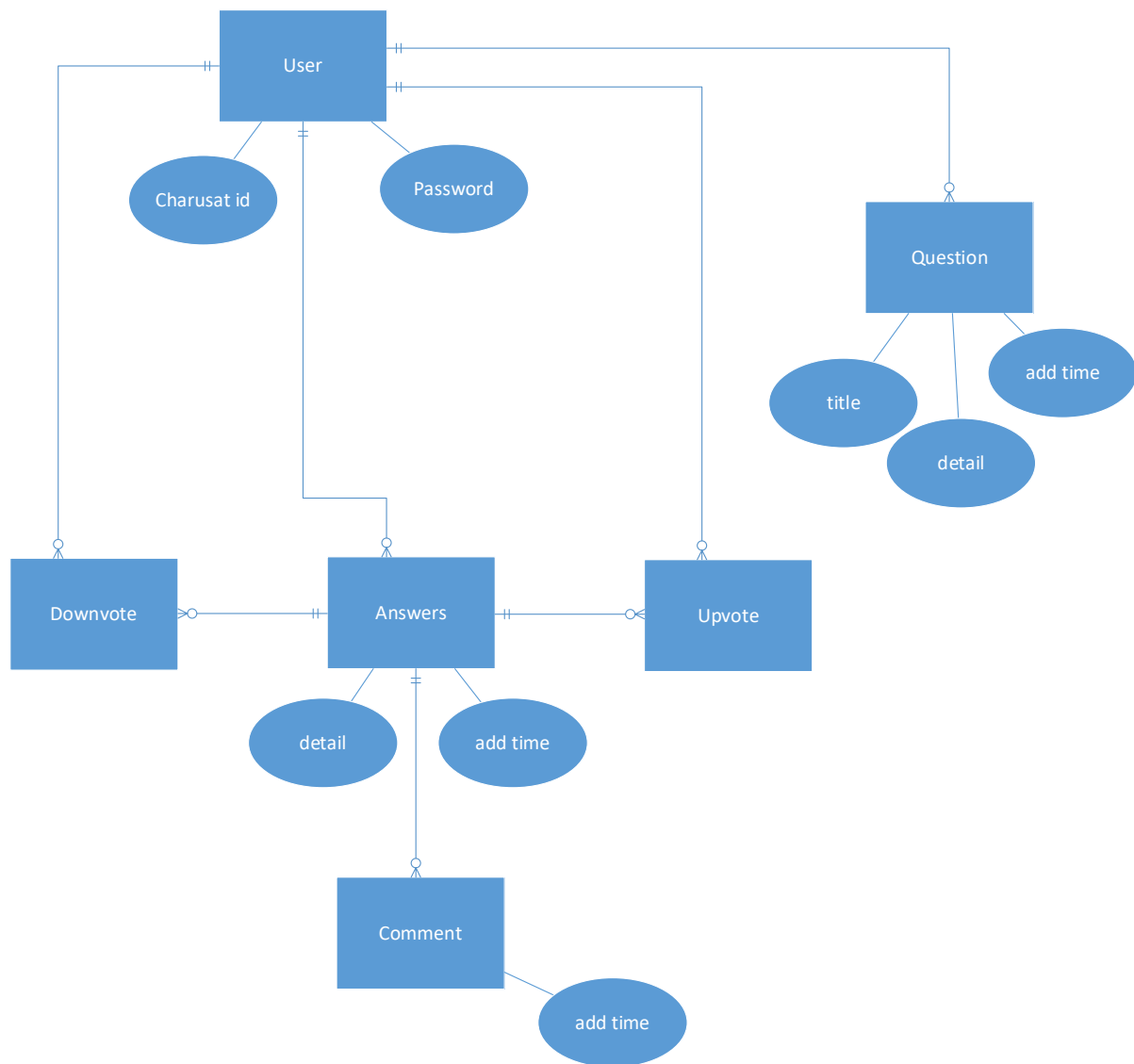
**Software Requirements:**

- MS Visio
- MS Word

**DFD level 0:**

**DFD level 1:**

**Structure Diagram:**

**ER Diagram:**

## Data Dictionary:

### User

Data Field	constraint	Format	description
Charusat id	Not Null (primary key)	text	It is a login id
Password	Not Null	text	password

### Question

Data Field	constraint	Format	description
Charusat id	Not Null (foreign key)	text	It is a login id
title	Not Null	CharField(max_length=300)	Title of question
Add time	Auto add	DateTimeField	It recognizes time
detail	Not Null	text	Detail of question

### Answer

Data Field	constraint	Format	description
Charusat id	Not Null (foreign key)	text	It is a login id
title	Not Null	CharField(max_length=300)	Title of question
Add time	Auto add	DateTimeField	It recognizes time
detail	Not Null	text	Detail of question

### Upvote

Data Field	constraint	Format	description
Charusat id	Not Null (primary key)	text	It is a login id
Upvote		Boolean	It changes value according to user

### Downvote

Data Field	constraint	Format	description
Charusat id	Not Null (primary key)	text	It is a login id
Devote		Boolean	It changes value according to user