

INDIRA COLLEGE OF COMMERCE AND SCIENCE, PUNE.

Review of Project On

- 1) Entity Relationship Diagram**
- 2) Data Flow Diagram**
- 3) Database And Data Dictionary**

Online Beer Delivery System (Billy's BrewStirs)

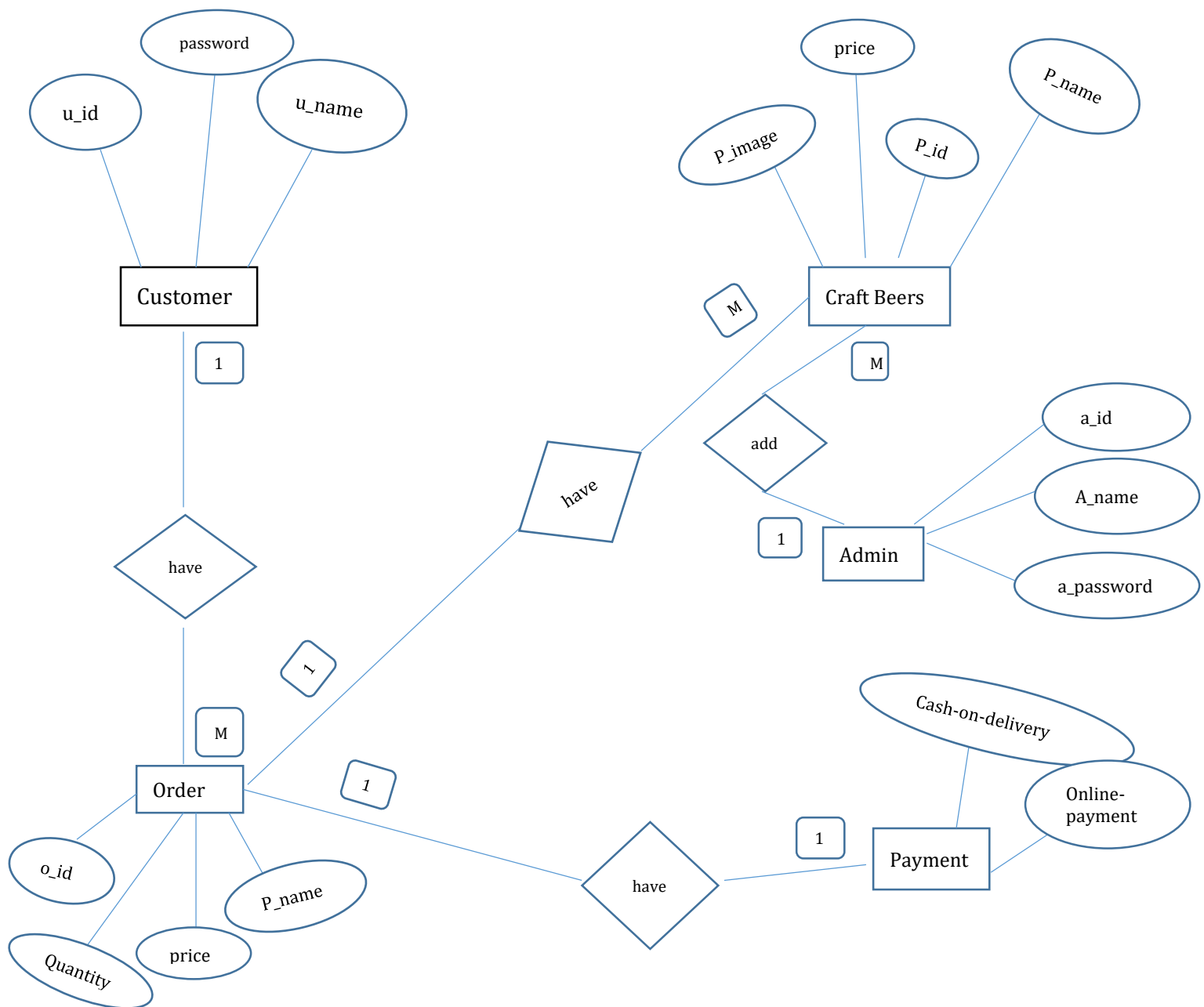
Project by,

Aryaman Satish Kamat(A-15)

“Bachelor of Business Administration in Computer Application”

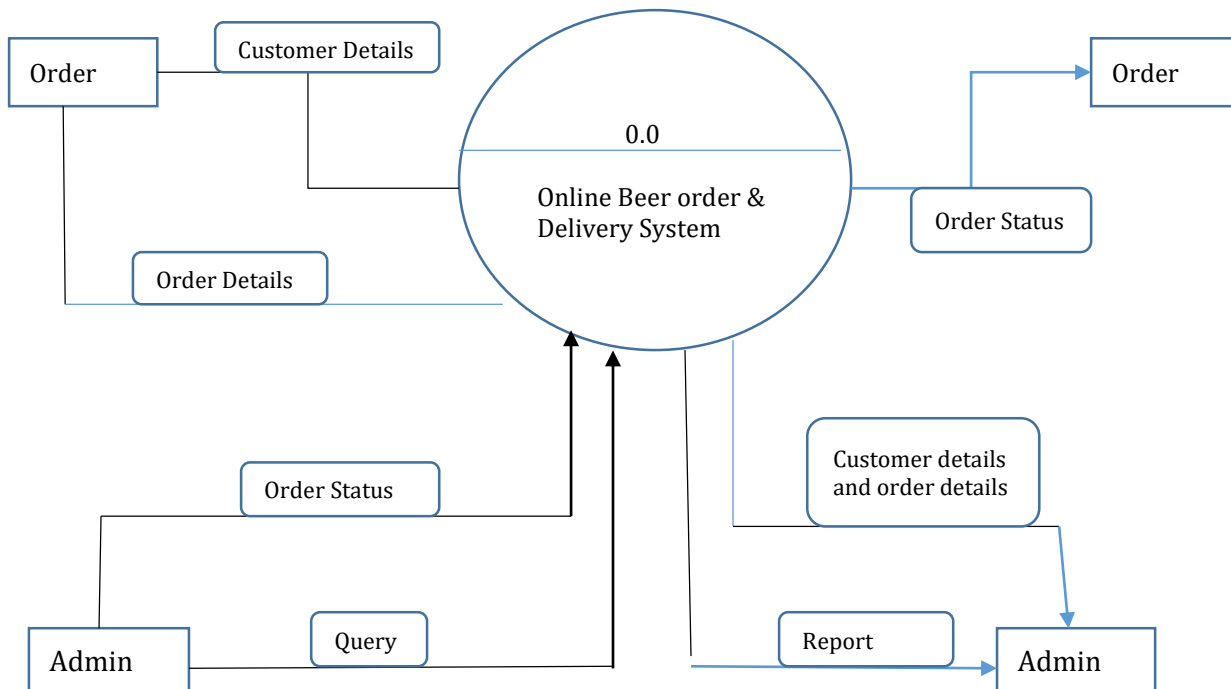
2020-2023

1)Entity Relationship Diagram: -

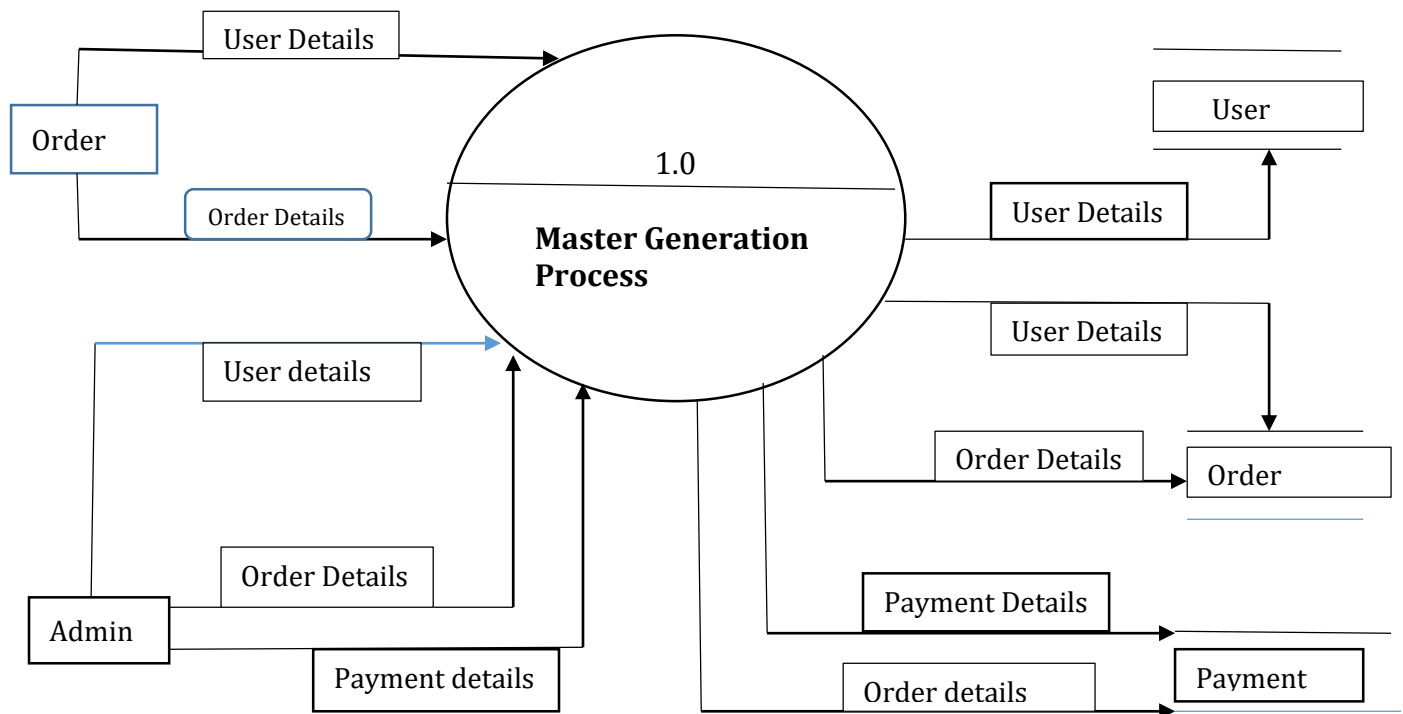


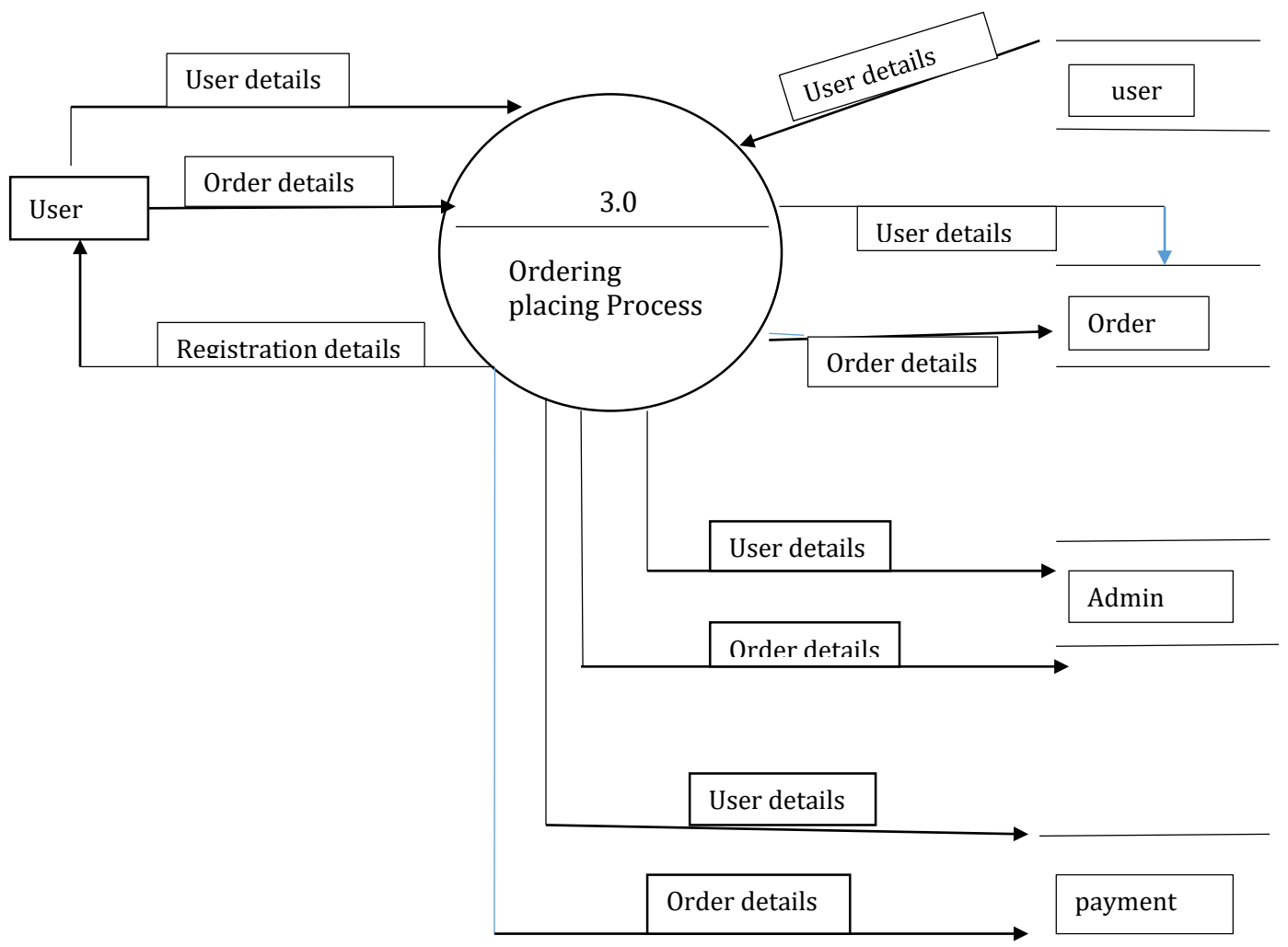
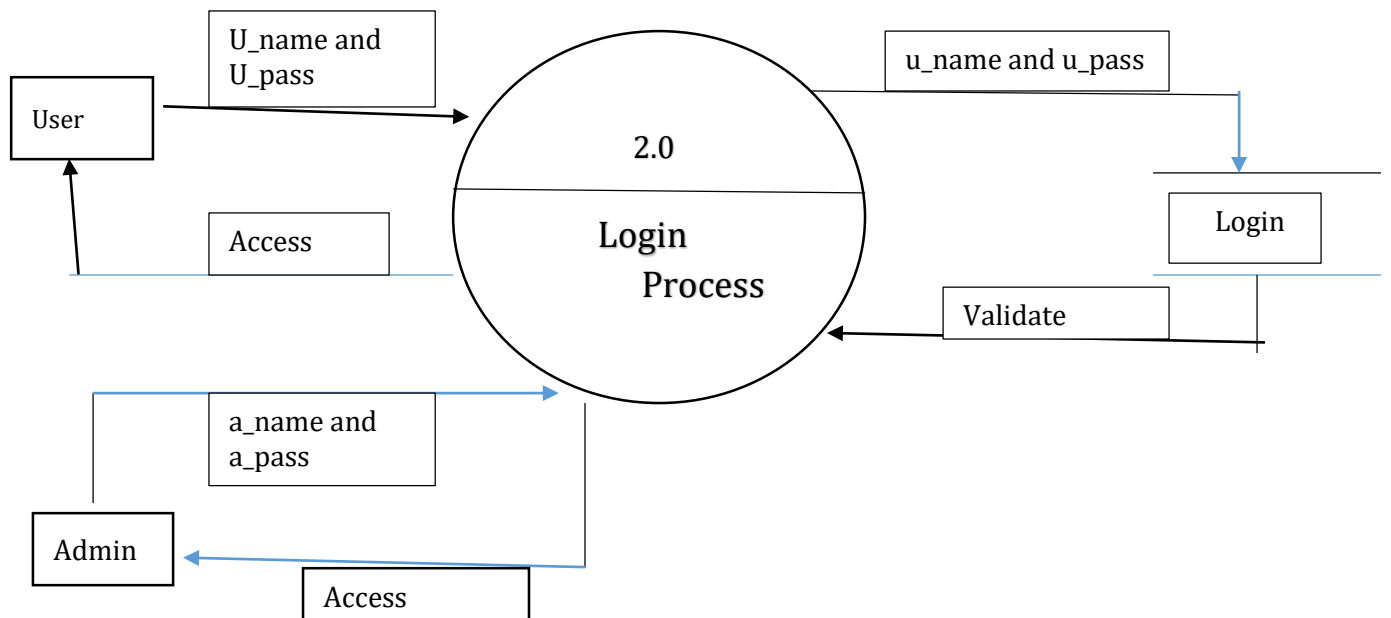
2)Data Flow Diagram: -

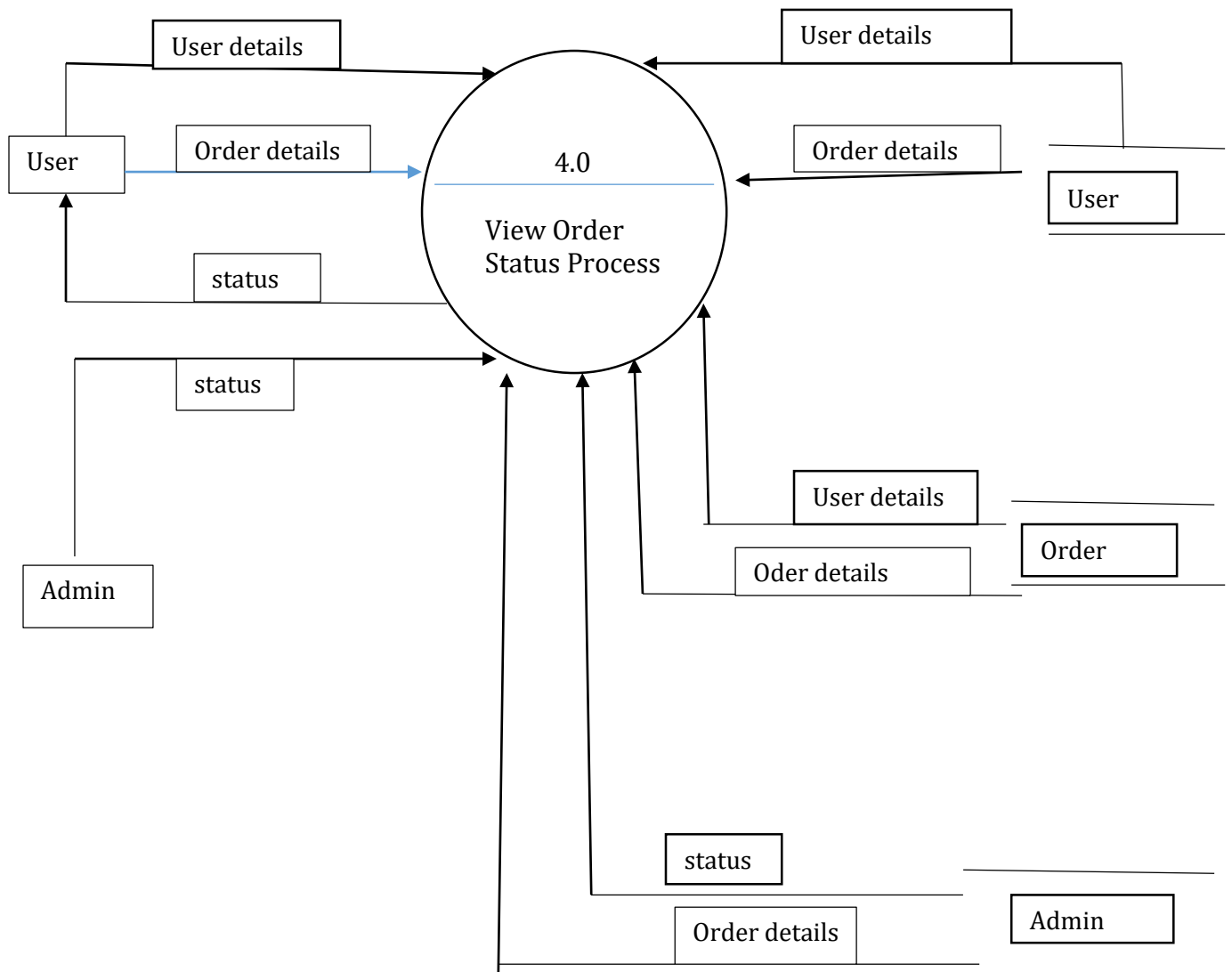
a) Context Level Diagram-

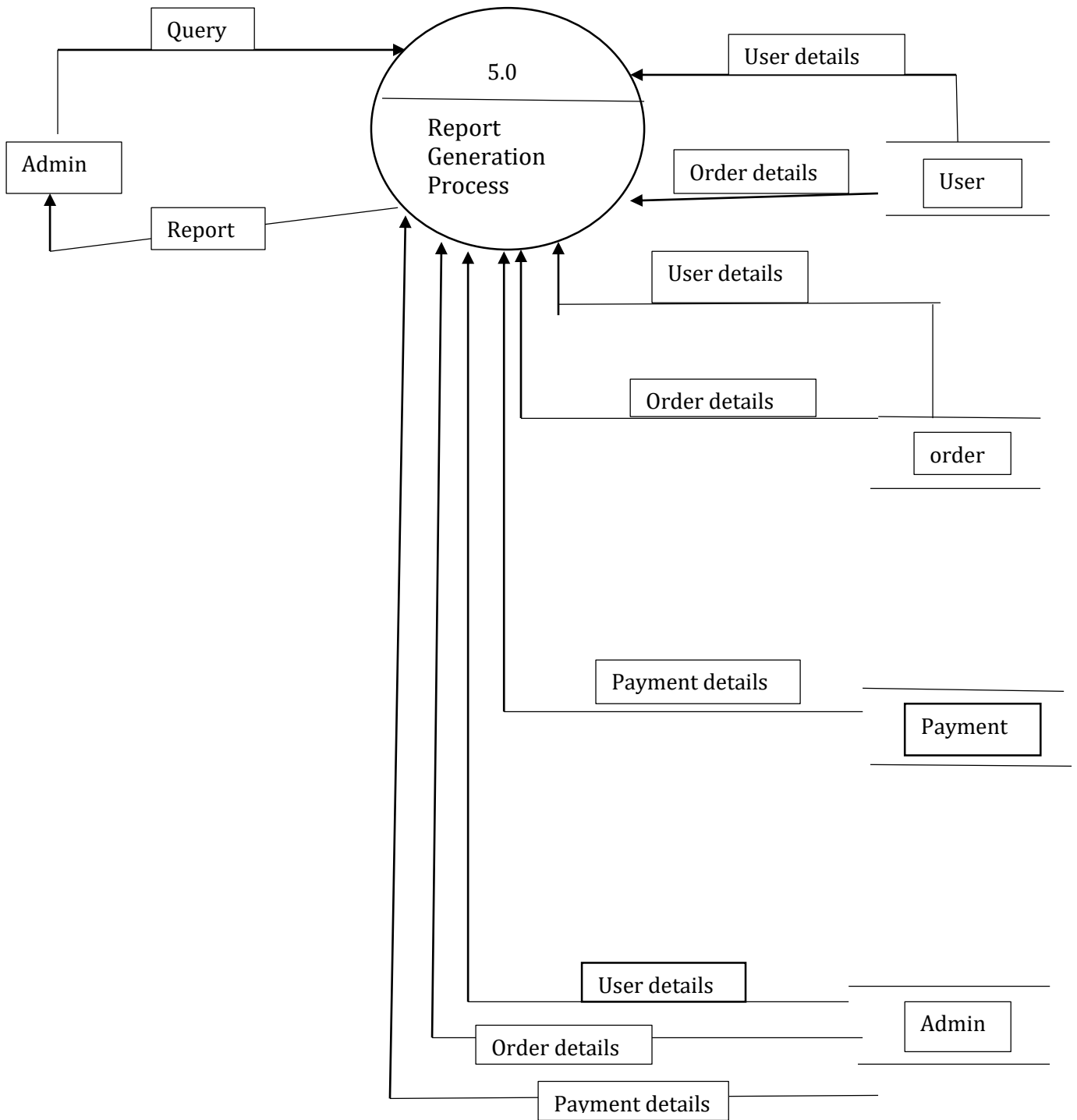


b) First Level Diagram –









3): a) File Design/Normalized Database: -

Table Name - user

Sr.no	Field name	Datatype	Width	Constraint
1	u_id	number	random	Primary key
2	u_name	Varchar	20	Not null
3	u_password	Varchar	8	Not null
4	Date	Timestamp	-----	Not null

Table Name – admin_login

Sr.no	Field name	Datatype	Width	Constraint
<u>1</u>	<u>a id</u>	<u>Number</u>	<u>10</u>	<u>Primary key</u>
<u>2</u>	<u>a name</u>	<u>Varchar</u>	<u>10</u>	<u>Not Null</u>
<u>3</u>	<u>a password</u>	<u>Varchar</u>	<u>8</u>	<u>Not Null</u>

Table Name – product

Sr.no	Field name	Datatype	Width	Constraint
<u>1</u>	<u>Product id</u>	<u>Number</u>	<u>10</u>	<u>Primary key</u>
<u>2</u>	<u>Product name</u>	<u>Varchar</u>	<u>10</u>	<u>Not Null</u>
<u>3</u>	<u>Product price</u>	<u>Number</u>	<u>-----</u>	<u>Not Null</u>
<u>4</u>	<u>Product qty</u>	<u>Number</u>	<u>10</u>	<u>Not Null</u>
<u>5</u>	<u>Product vat</u>	<u>Float</u>	<u>-----</u>	<u>Not Null</u>
<u>6</u>	<u>Product image</u>	<u>Varchar</u>	<u>-----</u>	<u>Not Null</u>

Table Name – payment

Sr.no	Field name	Datatype	Width	Constraint
<u>1</u>	<u>Pay id</u>	<u>Number</u>	<u>Random</u>	<u>Primary key</u>
<u>2</u>	<u>Pay amount</u>	<u>Number</u>	<u>-----</u>	<u>Not Null</u>
<u>3</u>	<u>u id</u>	<u>Number</u>	<u>Random</u>	<u>Not Null</u>
<u>4</u>	<u>u name</u>	<u>Varchar</u>	<u>10</u>	<u>Not Null</u>
<u>5</u>	<u>Product id</u>	<u>Number</u>	<u>10</u>	<u>Not null</u>
<u>6</u>	<u>Product name</u>	<u>Varchar</u>	<u>10</u>	<u>Not null</u>
<u>7</u>	<u>Product qty</u>	<u>Varchar</u>	<u>-----</u>	<u>Not null</u>

3): b) Data Dictionary –

Sr.no	Fields Name	Datatype	Width	Constraints	Table Name	Data Description
1	u_id	number	random	Primary key	<u>user</u>	User id
2	u_name	Varchar	20	Not null	<u>user</u>	User name
3	u_password	Varchar	8	Not null	<u>user</u>	User password
4	Date	Timestamp	-----	Not null	<u>user</u>	Registered date
5	a_id	Number	10	Primary key	admin_login	admin id
6	a_name	Varchar	10	Not Null	admin_login	admin name
7	a_password	Varchar	8	Not Null	admin_login	admin password
8	Product_id	Number	10	Primary key	product	Product id
9	Product_name	Varchar	10	Not Null	Product	Product name
10	Product_price	Number	-----	Not Null	Product	Product price
11	Product_qty	Number	10	Not Null	Product	Product quantity
12	Product_vat	Float	-----	Not Null	Product	Product vat
13	Product_image	Varchar	-----	Not Null	Product	Product image
14	Pay_id	Number	Random	Primary key	payment	Payment id

15	Pay_amount	Number	----- -	Not Null	payment	Payment amount
16	u_id	Number	Rando m	Not Null	payment	User id made payment
17	u_name	Varchar	10	Not Null	payment	User name made payment
18	Product_id	Number	10	Not null	payment	Ordered Product id
19	Product_name	Varchar	10	Not null	payment	Ordered Product name
20	Product_qty	Varchar	----- --	Not null	payment	Ordered Product quantity