Functional dependency

Table : photoidproof (In BCNF)

```
photoid_number , id_type, image_link

photoid_number →  id_type
photoid_number →  image_link

Candidate_key →  photoid_number
primary_key → photoid_number
```

Table : customer(In BCNF)

```
cust_id,cust_name ,gender, email, phone

cust_id → gender
cust_id → cust_name
cust_id → email
Cust_id → phone
Candidate_key →  cust_id
primary_key → cust_id
```

Table : employee(In BCNF)

```
emp_id, emp_name ,gender char, email,phone
emp_id→ gender
emp_id→ cust_name
emp_id→ email
emp_id→ phone
Candidate_key →  emp_id
primary_key → emp_id
```

Table : location(In BCNF)

```
location_id, latitude, longitude, location_description
```

```
location_id→ latitude
location_id→ longitude
location_id→ location_description
latitude, longitude ->location_description
```

Candidate_key → location_id
primary_key → location_id

Table : food_shop(In BCNF)

```
shop_no , shop_name, capacity,

shop_no →  shop_name
shop_no → capacity
```

Candidate_key → shop_no
primary_key → shop_no

Table : food_items(In BCNF)

```
item_no , item_name, rate

item_no →  item_name
item_no → rate
```

Candidate_key → item_no
primary_key → item_no

Table : events(In BCNF)

```
event_id, event_name ,event_date ,capacity ,event_time,duration

event_id→  event_name
event_id→ event_date
event_id→  capacity
event_id→ event_time
event_id → duration
```

Candidate_key → event_id

primary_key → event_id

Table : event_tickets(In BCNF)

tno, no_of_seats,rate

tno→ no_of_seats
tno→ rate

Candidate_key → tno
primary_key → tno

Table : rides(In BCNF)

ride_id, capacity,ride_name ,price, min_height, min_age

ride_id→ capacity
ride_id→ ride_name
ride_id→ price
ride_id→ min_height
ride_id→ min_age

Candidate_key → ride_id
primary_key → ride_id

Table : ride_ticket(In BCNF)

 tno, ride_date, ride_time ,ride_name ,price, min_height, min_age

ride_id→ capacity
ride_id→ ride_name
ride_id→ price
ride_id→ min_height
ride_id→ min_age

Candidate_key → ride_id
primary_key → ride_id

Table : items(In BCNF)

```
 item_code , item_name, rate numeric
```

```
item_code →  item_name
Item_code →  rate
item_code →  numeric
```
Candidate_key → item_code
primary_key → item_code

Table : invoice(In BCNF)

```
invoice_number→ ,purchase_date , purchace_time
```

```
invoice_number→  purchase_date
invoice_number→ →  purchace_time
```

Candidate_key → invoice_number
primary_key → invoice_number

Table : break_down_records(In BCNF)

```
br_id, reporting_date, reporting_time
```

```
br_id→  reporting_date
br_id→  reporting_time
```

Candidate_key → br_id
primary_key → br_id

Table : maintaince_ticket(In BCNF)

```
ticket_number, cost, contact_number, M_date
```

```
ticket_number →  cost
ticket_number →  contact_number
ticket_number →  M_date
```

Candidate_key → ticket_number
primary_key → ticket_number

Table : lost_and_found(In BCNF)

```
complaint_id, item_name, item_desc,
```

```
complaint_id →  item_name
complaint_id →  item_desc
```

Candidate_key → complaint_id
primary_key → complaint_id

Table : department(In BCNF)

```
dept_id   dept_name
```

```
dept_id →   dept_name
complaint_id →   item_desc
```

Candidate_key → dept_id
primary_key → dept_id