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Table

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A picture containing graphical user interface

Description automatically generated

c) Represent your final set of 3NF relations via a logical model**[5marks]**

Unf

Performance (Start\_time, date, venue, venueLocation, event\_type, event\_desc, organiser, organiser\_contact)

Candi key :

1nf

Performance ( date, venue, organiser, Start\_time , venueLocation, event\_type, event\_desc, organiser\_contact)

Partial dependency

Organiser 🡪 contact

venue -> venueLocation

2nf

Performance ( date, venue, organiser, Start\_time , event\_type, event\_desc)

Organiser (organiser, organiser\_contact)

Venue(venue, venueLocation)

Tran dependency

event\_desc -> event\_type

3nf

Performance ( date, venue, organiser, Start\_time, event\_desc )

Organiser (organiser, organiser\_contact)

Venue(venue, venueLocation)

Event (event\_desc, event\_type)

Full dependency :

date, venue, organiser -> Start\_time, event\_desc

organiser -> organiser\_contact

venue -> venueLocation

event\_desc -> event\_type

A picture containing table

Description automatically generated

Diagram

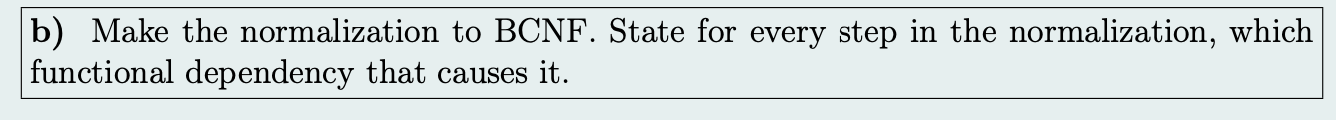
Description automatically generated

===========================================================================

Text, email

Description automatically generated

Borrow\_id, request\_date



UNF

Repayment (b\_id, name, address, loan\_amount, requiestdate, repaymentdate, request\_amount)

1NF

Repayment (b\_id, requiestdate, name, address, loan\_amount, repaymentdate, request\_amount)

2NF

Repayment (b\_id, requiestdate, name, address, loan\_amount, repaymentdate, request\_amount)

3NF

Repayment (b\_id, requiestdate, loan\_amount, repaymentdate, request\_amount)

Person (Name, address)

Graphical user interface, text, application, email

Description automatically generated

Diagram

Description automatically generatedA picture containing table

Description automatically generated