*Calendar*

- date : date - work\_days : integer - holidays : integer - close\_time : date

*User* - close\_time\_duration : integer

- username : string - blocked\_time\_slots : integer

- password : string - first\_name : string + get\_calendar()

- last\_name : string + set\_calendar()

- email : string + select\_date()

- contact no : integer + schedule\_holiday() + schedule\_work\_time()

+ get\_user() + view\_blocked\_time\_slots()

+ set\_user() + login() + logout() + change\_login\_password()

*Employee Calendar*

*Reservation Calendar*

- leave\_date : date

- reserved\_time\_slots : integer

+ view\_leave\_date()

+ view\_reserved\_time\_slots()

1 1...\* 1 *Time\_slot*

*Vehicle*

*Customer*

*employee*

*Emergency Contact*

- emp\_id : integer - address : string 1 - NIC : string

- first\_name : string

- vehicle\_number : string - start\_time : date

- vehicle\_model : string

1

- last\_name : string - address : string - relationship : string - end\_time : date

+ get\_employee\_details()

- tel\_no : integer

+ set\_employee\_details() 1...\*

+ get\_emergency\_contact\_detail() + set\_emergency\_contact\_detail() + view\_emergency\_contact()

*Service Emoloyee*

- special\_area : string - pending\_leave : integer - no\_of\_full\_leaves : integer - no\_of\_short\_leaves : integer

+ check\_the\_no\_of\_leaves() + add\_employee() 1

+ delete\_employee() + update\_employee() + view\_employee\_details() - cust\_id : integer - no\_of\_reservations : integer - registered\_date : date

- time\_slot\_no : integer - lift\_no : string

+ get\_vehicle() + set\_vehicle()

+ get\_customer() + set\_customer() + increment\_no\_of\_reservations() + get\_time\_slot() + set\_time\_slot() + add\_time\_slot()

1 + update\_time\_slot() + delete\_time\_slot()

1...\*

*Receptionist*

- qualification : string

*Invoice*

- bill\_no : integer - net\_amount : double

0...\*

1 - service\_type : string - vehicle\_no : string - customer\_ name : string - contact\_no : integer

1...\* - emp\_id\_numbers : integer - reservation\_id : integer

+ generate\_invoice() + view\_invoice()

*Service*

- service\_type : string - service\_id : integer - vehicle\_category : string - no\_of\_employees\_needed : integer - time\_taken : integer - price : double - lift \_no : string

+ get\_service() + set\_service() + add\_service\_type()

0...\* + update\_service\_type() + delete\_service\_type()

*Manager*

- designation : string 1

1

1

1

0...\* 1

1

1 0...\*

*Reservation*

- reservation\_id : integer - is\_advance\_paid : boolean - description : string

+ get\_reservation()

1...\* + set\_reservation()

0...\*

*Leave* + add\_reservation() + delete\_reservation() + update\_reservation() + view\_reservation\_details() + advanced\_payment()

- date : date - leave\_type : string - time : date - reason : string - is\_accepted : boolean - is\_pending : boolean

+ get\_leave() + set\_leave() + add\_leave() + cancel\_leave() + update\_leave() + accept\_leave() + reject\_leave() + check\_pending\_leave() + view\_leave\_detail()