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| DBMS PROJECT (Jcomponent) | 6th Jan, 2020  ZOO | |
| NAME : ARUSH T SUSIKARAN  REG NO.:19BPS1094  NAME: TEJASRI.B.N  REG NO.: 19BAI1032 | | CRICKEY! |

* ZOO(Entity)
* Visit By (Relation)
  + Visit\_Code(Primary Key)
  + Date
  + Day
  + In\_Time
  + Out\_Time
  + Members
* Funded By(Relation)
* Month
* Monthly Funding
* Animals(Entity)
* Include(Relation)
* Employs(Relation)
* Visitors (Entity)
* Name
* DOB
* Gender
* Phone
* Government(Entity)
* Fund Code(Primary Key)
* Date Received
* Amount
* Management(Entity)
* Director(Entity)
* Employment ID(Primary Key)
* Name
* Gender
* DOB
* Age(Derived Attribute)
* Phone
* Address
* Salary
* Blood Group
* Curator(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * Gender
      * DOB
      * Age(Derived Attribute)
      * Phone
      * Address
      * Salary
      * Blood Group
* Managers(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * Gender
      * DOB
      * Age(Derived Attribute)
      * Phone
      * Address
      * Salary
      * Blood Group
* Volunteer Coordinator(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * Gender
      * DOB
      * Age(Derived Attribute)
      * Phone
      * Address
      * Salary
      * Blood Group
* Registrar(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * Gender
      * DOB
      * Age(Derived Attribute)
      * Phone
      * Address
      * Salary
      * Blood Group

* Tours & Gift Shop(Entity)
* Tour Guide(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * Gender
      * DOB
      * Age(Derived Attribute)
      * Phone
      * Address
      * Salary
      * Education
      * Experience
      * Medication
      * Allergies
      * Blood Group
* Clerk(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * Gender
      * DOB
      * Age(Derived Attribute)
      * Phone
      * Address
      * Salary
      * Education
      * Experience
      * Medication
      * Allergies
      * Blood Group
* Animal Caretaker(Entity)
* Veterinarian(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * DOB
      * Age(Derived Attribute)
      * Education
      * Experience
      * Rank
      * Gender
      * Phone
      * Address
      * Salary
      * Dept
      * Animals Cared For
      * Medication
      * Allergies
      * Blood Group
* Veterinary Technician(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * DOB
      * Age(Derived Attribute)
      * Education
      * Experience
      * Rank
      * Gender
      * Phone
      * Address
      * Salary
      * Dept
      * Animals Cared For
      * Medication
      * Allergies
      * Blood Group
* Head Keeper(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * DOB
      * Age(Derived Attribute)
      * Education
      * Experience
      * Rank
      * Gender
      * Phone
      * Address
      * Salary
      * Dept
      * Animals Cared For
      * Medication
      * Allergies
      * Blood Group
* Senior Keeper(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * DOB
      * Age(Derived Attribute)
      * Education
      * Experience
      * Rank
      * Gender
      * Phone
      * Address
      * Salary
      * Dept
      * Animals Cared For
      * Medication
      * Allergies
      * Blood Group
* Zoo Keeper(Entity)
  + - * Employee ID(Primary Key)
      * Name
      * DOB
      * Age(Derived Attribute)
      * Education
      * Experience
      * Rank
      * Gender
      * Phone
      * Address
      * Salary
      * Dept
      * Animals Cared For
      * Medication
      * Allergies
      * Blood Group
* Zoologist(Entity)
  + - * Employee ID(Primary Key)
      * Name
      * DOB
      * Age(Derived Attribute)
      * Education
      * Experience
      * Rank
      * Gender
      * Phone
      * Address
      * Salary
      * Dept
      * Animals Cared For
      * Medication
      * Allergies
      * Blood Group
* Finance & Accounts(Entity)
* Finance Manager(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * DOB
      * Age(Derived Attribute)
      * Gender
      * Phone
      * Address
      * Salary
      * Dept
      * Blood Group
* Accountant(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * DOB
      * Age(Derived Attribute)
      * Gender
      * Phone
      * Address
      * Salary
      * Dept
      * Blood Group
* Volunteers(Entity)
  + - * ID(Primary Key)
      * Name
      * DOB
      * Age(Derived Attribute)
      * Education
      * Experience
      * Gender
      * Phone
      * Address
      * Animals Cared For
      * Medication
      * Allergies
      * Blood Group
      * Days Working
      * Area Of Interest
* Workers(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * Gender
      * DOB
      * Age(Derived Attribute)
      * Phone
      * Address
      * Salary
      * Blood Group
* Plant Caretakers(Entity)
* Conservation Biologist(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * Gender
      * DOB
      * Age(Derived Attribute)
      * Phone
      * Address
      * Salary
      * Medication
      * Allergies
      * Blood Group
* Horticulturist(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * Gender
      * DOB
      * Age(Derived Attribute)
      * Phone
      * Address
      * Salary
      * Medication
      * Allergies
      * Blood Group
* Floriculturist(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * Gender
      * DOB
      * Age(Derived Attribute)
      * Phone
      * Address
      * Salary
      * Medication
      * Allergies
      * Blood Group
* Human Caretakers(Entity)
* Doctors(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * Gender
      * DOB
      * Age(Derived Attribute)
      * Phone
      * Address
      * Salary
      * Education
      * Experience
      * Blood Group
* Research(Entity)
* Scientists(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * DOB
      * Age(Derived Attribute)
      * Gender
      * Phone
      * Address
      * Salary
      * Dept
      * Blood Group
* Apprentice(Entity)
  + - * Employment ID(Primary Key)
      * Name
      * DOB
      * Age(Derived Attribute)
      * Gender
      * Phone
      * Address
      * Salary
      * Dept
      * Blood Group

* Donors (Entity)
  + Name(Primary Key)
  + DOB
  + Gender
  + Phone
  + Address
  + Amount
  + Purpose
* Animals(Entity)
  + ID(Primary Key)
  + Type
* Mammals(Weak Entity)
* ID(Primary Key)
* Name
* Type
* DOB
* Age(Derived Attribute)
* Gender
* Health
* Checkups
* Blood Groups
* Reptiles (Weak Entity)
* ID(Primary Key)
* Name
* Type
* DOB
* Age(Derived Attribute)
* Gender
* Health
* Checkups
* Birds(Weak Entity)
  + ID(Primary Key)
  + Name
  + Type
  + DOB
  + Age(Derived Attribute)
  + Gender
  + Health
  + Checkups

KEY:

* => Attributes

ER DIAGRAMS:

<https://drive.google.com/file/d/1hkFB-TECzgCPK8eYHHuPlOsIchbWjuAq/view?usp=sharing>

<https://drive.google.com/file/d/1jgBeEFXvESEGL9O7MWZpaHBNecpKwJ4k/view?usp=sharing>









