Bird

```sql
CREATE TABLE bird (
    id INT AUTO_INCREMENT PRIMARY KEY,
    name VARCHAR(100) NOT NULL,
    rarity INT CHECK (rarity < 10),
    longitude_deg,    latitude_deg );

INSERT INTO bird (name, rarity, longitude_deg, latitude_deg) VALUES
('Iberian Magpie', 8, -6.3, 38.9),
('European Bee-eater', 7, 3.8, 44.9),
('Cory's Shearwater', 6, -8.3, 39.5),
('Black Stork', 9, 24.7, 42.1),
('Pygmy Cormorant', 5, 19.6, 45.1),
('Eurasian Nuthatch', 6, 14.4, 50.1),
('Sardinian Warbler', 8, 9.1, 39.2),
('Spoon-billed Sandpiper', 10, 37.4, 56.1),
('Greater Spotted Eagle', 7, 37.6, 55.7),
('Lesser Kestrel', 6, -0.9, 41.4),
('Red Kite', 5, -1.5, 51.7),
('Western Yellow Wagtail', 4, 5.1, 52.2),
('Woodlark', 3, 0.1, 51.5),
('Black Redstart', 6, 16.4, 48.2),
('Hooded Merganser', 9, -2.5, 53.6),
('Bearded Vulture', 10, 7.5, 46.5),
('Goshawk', 7, 13.4, 52.5),
('Red-breasted Flycatcher', 4, 24.7, 59.4),
('Nightingale', 5, 0.3, 51.4),
('Snowy Owl', 8, -20.5, 60.9),
('Alpine Chough', 7, 12.0, 46.5),
('Yellow-billed Cuckoo', 5, 7.1, 46.9),
('Marsh Harrier', 6, 13.3, 52.2),
('Tawny Owl', 4, 3.2, 50.6),
('Golden Eagle', 9, 9.8, 60.5),
('Corncrake', 6, -6.3, 55.4),
('Great Grey Owl', 8, 17.9, 62.3),
('Rough-legged Buzzard', 7, 26.0, 65.5),
('Peregrine Falcon', 6, 4.4, 50.4),
('Brambling', 5, 5.3, 60.2),
('Marsh Tit', 4, 6.3, 51.4),
('Red-necked Grebe', 8, 18.0, 58.3),
('Little Tern', 7, 4.5, 50.5),
('Cattle Egret', 6, 14.5, 37.1),
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('Sedge Warbler', 5, 13.1, 52.5),
('Common Crane', 4, 12.2, 51.4),
('Ruff', 9, 12.5, 56.2),
('White-tailed Eagle', 8, 14.2, 60.2),
('Red-throated Diver', 7, 18.0, 62.2),
('Common Sandpiper', 6, 14.5, 50.1),
('House Martin', 5, 19.5, 47.0),
('Eurasian Coot', 4, 16.4, 48.1),
('Common Chiffchaff', 6, 7.1, 51.1),
('Pied Flycatcher', 7, 15.0, 60.1),
('Long-tailed Tit', 5, 4.3, 52.3),
('Green Sandpiper', 6, 18.0, 54.5),
('Little Egret', 7, 8.9, 44.5),
('Thick-billed Warbler', 9, 9.5, 54.3),
('Dusky Warbler', 7, 20.5, 49.3),
('Barred Warbler', 8, 15.5, 52.5),
('Red-billed Chough', 6, -0.5, 43.3),
('Spotted Flycatcher', 5, 0.0, 51.4),
('Cetti's Warbler', 8, 0.5, 41.3),
('Caspian Tern', 7, 5.1, 52.2),
('European Roller', 9, 19.5, 44.2),
('Black-winged Stilt', 8, 4.5, 43.3),
('Wood Sandpiper', 6, 14.5, 56.1),
('European Nightjar', 5, 5.8, 51.2),
('Montagu's Harrier', 9, 2.4, 48.2),
('Turtle Dove', 7, 7.5, 51.4),
('Scarlet Rosefinch', 6, 12.4, 45.9),
('Common Redstart', 5, 6.1, 49.5),
('Redwings', 4, 28.5, 60.5),
('Willow Warbler', 6, 9.6, 55.3),
('Hoopoe', 7, -0.8, 39.5),
('Zitting Cisticola', 8, 8.5, 39.9),
('Little Bittern', 9, 23.3, 45.1),
('Bald Ibis', 10, 8.3, 36.6),
('European Goldfinch', 7, 10.2, 48.3),
('Nightingale', 8, 13.3, 52.5),
('Wryneck', 5, 8.7, 51.2),
('Ring Ouzel', 6, -2.5, 54.1),
('Common Loon', 7, 15.1, 58.5),
('Grey-headed Woodpecker', 8, 12.1, 49.5),
('Red-shouldered Hawk', 9, 9.5, 46.2),
('Bearded Vulture', 10, 7.7, 46.5),
('Great Crested Grebe', 8, 16.4, 48.1),
('Red-footed Falcon', 7, 19.5, 47.1);

Player

```
create table player (
id int auto_increment primary key ,
name varchar(80) not null ,
score int default 0,
fuel int not null ,
money int(8) not null,
location point,
r_range int not null)
charset =latin1;
```

Equipment

```
create table equipment (
id int auto_increment primary key ,
name varchar(80) not null,
cost int not null,
range_m int not null,
fuel_b int default 0,
money_b int default 0
)
;

INSERT INTO equipment (name, cost, range_m, fuel_b, money_b) VALUES
('Binoculars', 150, 500, 0, 0),
('Birdwatching Scope', 300, 1000, 0, 0),
('Field Guide', 25, 0, 0, 0),
('Camera', 1200, 0, 0, 0),
('Tripod', 100, 0, 0, 0),
('GPS Device', 200, 0, 0, 0),
('Bird Feeder', 50, 0, 0, 0),
('Hide Tent', 250, 0, 0, 0),
('Spotting Scope', 600, 1500, 0, 0),
('Drone with Camera', 1500, 2000, 0, 0);
```