**Staff**

| Attribute\_name | Key | Data type & size | Domains and constraints | FK  Reference | Description |
| --- | --- | --- | --- | --- | --- |
| Staff\_ID | PK | INT | NOT NULL  AUTO\_INCREMENT |  | Unique identifier for each staff member |
| First\_name |  | VARCHAR(45) | NOT NULL |  | Stores the first name of the staff members |
| Last\_name |  | VARCHAR(45) | NOT NULL |  | Stores the last name of the staff member |
| Date\_of\_birth |  | DATE |  |  | For identity and legal reasons, the staff member's birthdate is recorded. |
| Contact\_no |  | VARCHAR(45) |  |  | Stores the contact number of the staff member for communication |
| Email |  | VARCHAR(45) | UNIQUE  NOT NULL |  | Stores the email address of the staff member |
| Address |  | VARCHAR(45) |  |  | Stores the home address of the staff member |
| Role |  | VARCHAR(45) |  |  | identifies the employee's position or job inside the organization (e.g., Technician, Manager). This aids in determining the tasks and obligations allocated to the employee. |
| Boatyard\_ID | FK | INT |  | Boatyard(Boatyard\_ID) | Foreign key linking to the Boatyard table to indicate the boatyard where the staff member is assigned |
| Start\_date |  | DATE |  |  | Notes the employee's first date of employment with the company. This is utilized for tracking employment, figuring out tenure, and determining benefit eligibility. |

**Boat**

| Attribute\_name | Key | Data type & size | Domains and constraints | FK  Reference | Description |
| --- | --- | --- | --- | --- | --- |
| Boat\_ID | PK | INT | NOT NULL  AUTO\_INCRTEMENt |  | Unique ID for each boat |
| Name |  | VARCHAR(45) | NOT NULL |  | The name of the boat |
| Build\_date |  | DATE |  |  | The date when the Boat was built. |
| Type |  | VARCHAR(45) |  |  | The type of boat.  Eg: Yacht, Motorboat |
| Dimensions |  | VARCHAR(45) |  |  | The dimensions of the Boat |
| Fuel\_type |  | VARCHAR(45) |  |  | The type of fuel used in the boat.  Eg: Electric, petrol, diesel. |
| Capacity |  | INT |  |  | The most passengers that the boat is able to accommodate |
| Registration\_details |  | VARCHAR(45) |  |  | Information regarding the registration of the boat, including the registration number. |
| Operational\_history |  | VARCHAR(45) |  |  | An account of the boat's previous operations, including services performed and accidents. |
| Customer\_ID | FK | INT |  | Customer(Customer\_ID) | Foreign key linking to the Customer table, indicating the owner of the boat. |

**Customer**

| Attribute\_name | Key | Data type & size | Domains and constraints | FK  Reference | Description |
| --- | --- | --- | --- | --- | --- |
| Customer\_ID | PK | INT | NOT NULL  AUTO INCREMENT |  | Unique ID for each customer |
| First\_Name |  | VARCHAR(45) | NOT NULL |  | The first name of the customer. |
| Last\_Name |  | VARCHAR(45) | NOT NULL |  | The last name of the customer. |
| Company\_Name |  | VARCHAR(45) |  |  | The name of the customer’s company. |
| Contact\_no |  | VARCHAR(45) |  |  | The contact Number of each customers |
| Email |  | VARCHAR(45) | UNIQUE NOT NULL |  | The email address of each customer |
| Address |  | VARCHAR(45) |  |  | The house or business address of the customer |
| Emergency\_contact\_name |  | VARCHAR(45) |  |  | The emergency contact name of the customer |
| Emergency\_contact\_no |  | VARCHAR(45) |  |  | The emergency contact number of the customer |

**Service**

| Attribute\_name | Key | Data type & size | Domains and constraints | FK  Reference | Description |
| --- | --- | --- | --- | --- | --- |
| Service\_ID | PK | INT | NOT NULL AUTO\_INCREMENT |  | Uniques for each service. |
| Service\_type |  | VARCHAR(45) |  |  | The type service being provided |
| Description |  | TEXT |  |  | Service description in detail. |
| Service\_Date |  | DATE |  |  | The date on which the service is provided. |
| Unique\_inventory\_ID |  | VARCHAR(45) |  |  | Unique inventory id related to the service. |
| Boat\_ID | FK | INT | NOT NULL | Boat(Boat\_ID) | Foreign key referencing Boat ID. |

**Boatyard**

| Attribute\_name | Key | Data type & size | Domains and constraints | FK  Reference | Description |
| --- | --- | --- | --- | --- | --- |
| Boatyard\_ID | PK | INT | NOT NULL AUTO\_INCREMENT |  | Unique ID for each boatyard. |
| Location |  | VARCHAR(45) |  |  | The location of the boatyard. |
| Size |  | VARCHAR(45) |  |  | The size of the boatyard. |
| Facilities |  | TEXT |  |  | The facilities available in the boatyard |
| Number\_of\_staff |  | INT |  |  | The number of staff members working at the boatyard. |

**Service Staff**

| Attribute\_name | Key | Data type & size | Domains and constraints | FK  Reference | Description |
| --- | --- | --- | --- | --- | --- |
| Service\_staff\_ID | PK | INT | NOT NULL AUTO INCREMENT |  | Unique ID for each service staff entry. |
| Service\_ID | FK | INT | NOT NULL | Service | Foreign key referencing the service table. |
| Staff\_ID | FK | INT | NOT NULL | Staff | Foreign referencing staff table. |
| Role\_in\_service |  | VARCHAR(45) |  |  | The specific role of the staff member within the service. |