ПРИЛОЖЕНИЕ 3

**Этапы выполнения работы:**

1. Выборка данных из таблиц базы данных:
   1. Справочные таблицы;

Таблица 1 – Вывод данных из справочных таблиц

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| Название сущности | Класс |
| Запрос | Результат |
| SELECT  ID\_Class AS "ID класса",  Name\_Class AS "Название класса",  Picture\_Class AS "Изображение класса"  FROM  Class; |  |
| Название сущности | Статус номера |
| Запрос | Результат |
| SELECT  ID\_Status\_Room AS "ID статуса номера",  Name\_Status\_Room AS "Название статуса номера"  FROM  Status\_Room; |  |
| Название сущности | Номер |
| Запрос | Результат |
| SELECT  Room.ID\_Room AS "ID номера",  Room.Number\_Room AS "Номер номера",  Class.Name\_Class AS "Название класса",  Room.Day\_Price\_Room AS "Стоимость за сутки",  Status\_Room.Name\_Status\_Room AS "Статус номера"  FROM  Room  JOIN  Class ON Room.Class\_ID = Class.ID\_Class  JOIN  Status\_Room ON Room.Status\_Room\_ID = Status\_Room.ID\_Status\_Room; |  |
| Название сущности | Бронирование |
| Запрос | Результат |
| SELECT  Reservation.ID\_Reservation AS "ID бронирования",  Reservation.Num\_Reservation AS "Номер бронирования",  Reservation.Creation\_Date\_Reservation AS "Дата создания бронирования",  Reservation.Checkin\_Date\_Reservation AS "Дата заселения",  Reservation.Checkin\_Time\_Reservation AS "Время заселения",  Reservation.Checkout\_Date\_Reservation AS "Дата выезда",  Reservation.Checkout\_Time\_Reservation AS "Время выезда",  Room.Num\_Room AS "Номер комнаты",  Reservation.Total\_Price\_Reservation AS "Итоговая стоимость"  FROM  Reservation  JOIN  Room ON Reservation.Room\_ID = Room.ID\_Room; |  |
| Название сущности | Клиент |
| Запрос | Результат |
| SELECT  ID\_Client AS "ID клиента",  Surname\_Client || ' ' || Name\_Client || ' ' ||  COALESCE(Patronymic\_Client, '') AS "ФИО Клиента",  Passport\_Series\_Client || ' ' || Passport\_Num\_Client AS "Серия Номер паспорта",  Date\_Of\_Birth\_Client AS "Дата рождения",  Gender\_Client AS "Пол",  Issued\_By\_Client AS "Кем выдан",  Issued\_Date\_Client AS "Дата выдачи",  Code\_Department\_Client AS "Код подразделения",  Phone\_Client AS "Контактный телефон",  Email\_Client AS "Адрес электронной почты",  Login\_Client AS "Логин",  Password\_Client AS "Пароль"  FROM  Client; |  |
| Название сущности | Дополнительные услуги (Add\_Services) |
| Запрос | Результат |
| SELECT  ID\_Add\_Service AS "ID дополнительной услуги",  Name\_Add\_Service AS "Название дополнительной услуги",  Price\_Add\_Service AS "Стоимость дополнительной услуги"  FROM  Add\_Service; |  |
| Название сущности | Сотрудник (Employee) |
| Запрос | Результат |
| SELECT  ID\_Employee AS "ID сотрудника",  Surname\_Employee AS "Фамилия сотрудника",  Name\_Employee AS "Имя сотрудника",  Patronymic\_Employee AS "Отчество сотрудника",  Login\_Employee AS "Логин сотрудника",  Password\_Employee AS "Пароль сотрудника"  FROM  Employee; |  |

* 1. Операционные таблицы.

Таблица 2 – Вывод данных из операционных таблиц

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| Название сущности | Комплектация номера (Room\_Configuration) |
| Запрос | Результат |
| SELECT  Room\_Configuration.ID\_Room\_Configuration AS "ID комплектации номера",  Room\_Configuration.Quantity\_Room\_Configuration AS "Количество мебели",  Configuration.Furniture\_Configuration AS "Мебель комплектации",  Room.Num\_Room AS "Номер комнаты"  FROM  Room\_Configuration  JOIN  Configuration ON Room\_Configuration.Configuration\_ID = Configuration.ID\_Configuration  JOIN  Room ON Room\_Configuration.Room\_ID = Room.ID\_Room; |  |
| Название сущности | Опции номера (Room\_Options) |
| Запрос | Результат |
| SELECT  Room\_Option.ID\_Room\_Option AS "ID опции номера",  Room\_Option.Quantity\_Option AS "Количество опций",  Option.Name\_Option AS "Название опции",  Room.Num\_Room AS "Номер комнаты"  FROM  Room\_Option  JOIN  Option ON Room\_Option.Option\_ID = Option.ID\_Option  JOIN  Room ON Room\_Option.Room\_ID = Room.ID\_Room; |  |
| Название сущности | Бронирование клиента (Client\_Reservation) |
| Запрос | Результат |
| SELECT  Client\_Reservation.ID\_Client\_Reservation AS "ID бронирования клиента",  Client.Phone\_Client AS "Телефон клиента",  Reservation.Num\_Reservation AS "Номер бронирования"  FROM  Client\_Reservation  JOIN  Client ON Client\_Reservation.Client\_ID = Client.ID\_Client  JOIN  Reservation ON Client\_Reservation.Reservation\_ID = Reservation.ID\_Reservation; |  |
| Название сущности | Договор (Contract) |
| Запрос | Результат |
| SELECT  Contract.ID\_Contract AS "ID договора",  Contract.Num\_Contract AS "Номер договора",  Reservation.Num\_Reservation AS "Номер бронирования",  Employee.Login\_Employee AS "Логин сотрудника",  Contract.Creation\_Date\_Contract AS "Дата создания договора",  Contract.Creation\_Time\_Contract AS "Время создания договора"  FROM  Contract  JOIN  Reservation ON Contract.Reservation\_ID = Reservation.ID\_Reservation  JOIN  Employee ON Contract.Employee\_ID = Employee.ID\_Employee; |  |