

ReportGenerator - db: Database + ReportGenerator(db: Database) + GenerateFullReport(): void + GenerateAttractionReport(): void + GenerateCustomerReport(): void Shallow + GenerateReservationReport(): void copies and + ViewCustomerHistory(custEmail: string): void relies upon + AttractionByRes(): void singular + ReservationsByType(): void instance of + ReservationByRide(): void + MostRidden(): void + ViewCustomerHistory(): void + ViewOperationalRides(): void **Database** - Attractions: List<Attraction> - Customers: List<Customer> - Reservations: List<Reservation> + Database() + Load(): void + Save(): void + AddAttraction(): void + EditAttraction(): void + RemoveAttraction(): void + AddCustomer(): void + RemoveCustomer(): void + EditCustomer(): void + EditCustomer(input: string): void + AddReservation(email: string): void + AddReservation(): void + CancelReservation(): void Contains and + RemoveReservation(): void Manages + AddReservation(r: Reservation): void Singular + RemoveAttraction(a: Attraction): void Instance Of + RemoveCustomer(c: Customer): void + RemoveReservation(r: Reservation): void + FullPrint(): void + FetchAttractionName(id: string): string + FetchAttractionName(id: int): string Contains and + GetAttractions(): List<Attraction> Manages + GetCustomers(): List<Customer> Singular + GetReservations(): List<Reservation> Instance Of + verifyAttractionType(s: string): bool + VerifyManager(id: string): string UI + VerifyCustomer(id: string): string + GetCustomerEmailFromName(name: string): string - db: Database + GetCustomerNameFromEmail(email: string): string - rg: ReportGenerator + GetCustomerNameFromId(id: int): string + GetCustomerIdFromName(name: string): int + UI(Db: Database) + Run(): void + MainMenuPrint(): void + MainMenu(): void + ManagerMenuPrint(): void + ManagerMenu(): void + CustomerMenuPrint(): void + CustomerMenu(): void + ReportMenuPrint(): void + ReportMenu(): void + Pause(): void